

FIG. 1

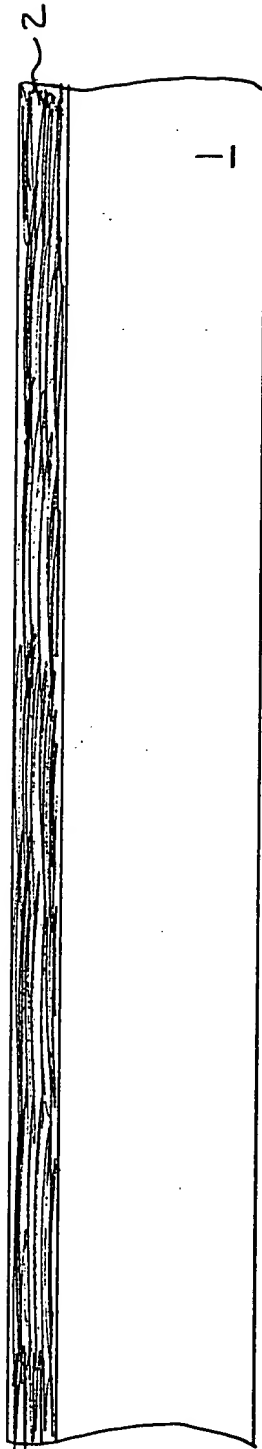


FIG. 2

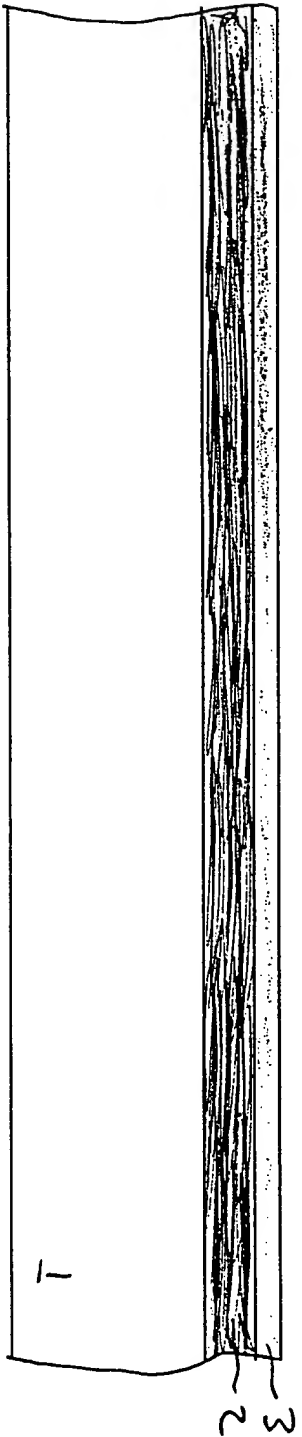


FIG. 3

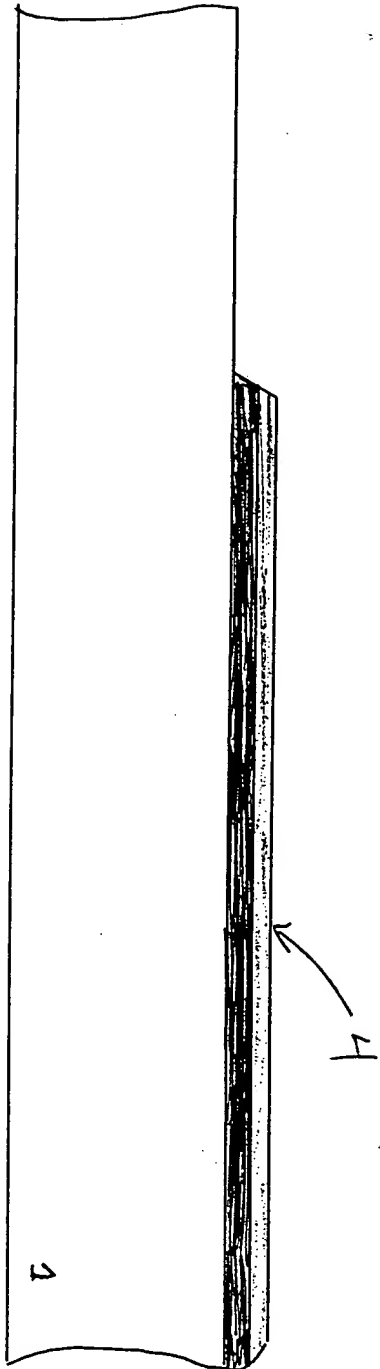


FIG. 4A

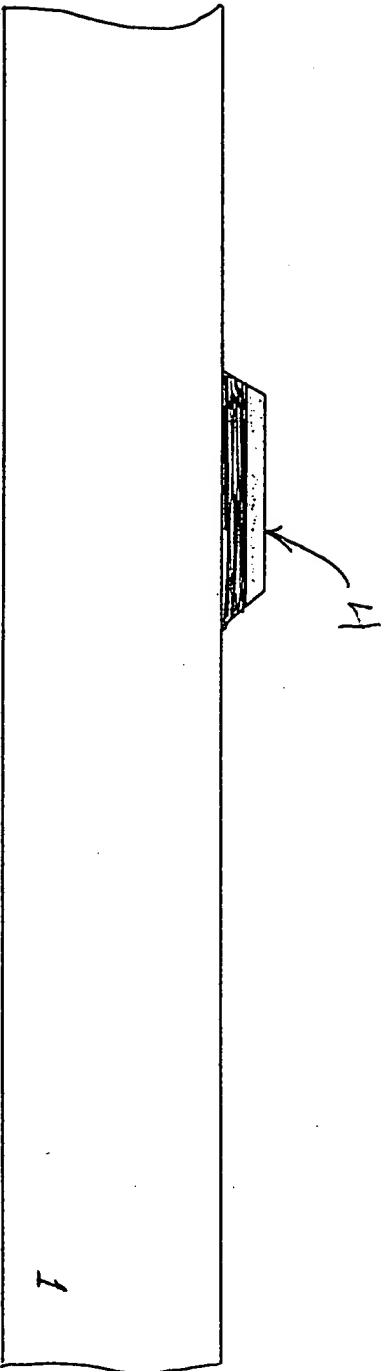


FIG. 4B

FIG. 4A and FIG. 4B are perspective views of a rectangular block 1 with a textured layer 4 on its top and side surfaces, respectively. The layer 4 is shown as a dark, cross-hatched area.

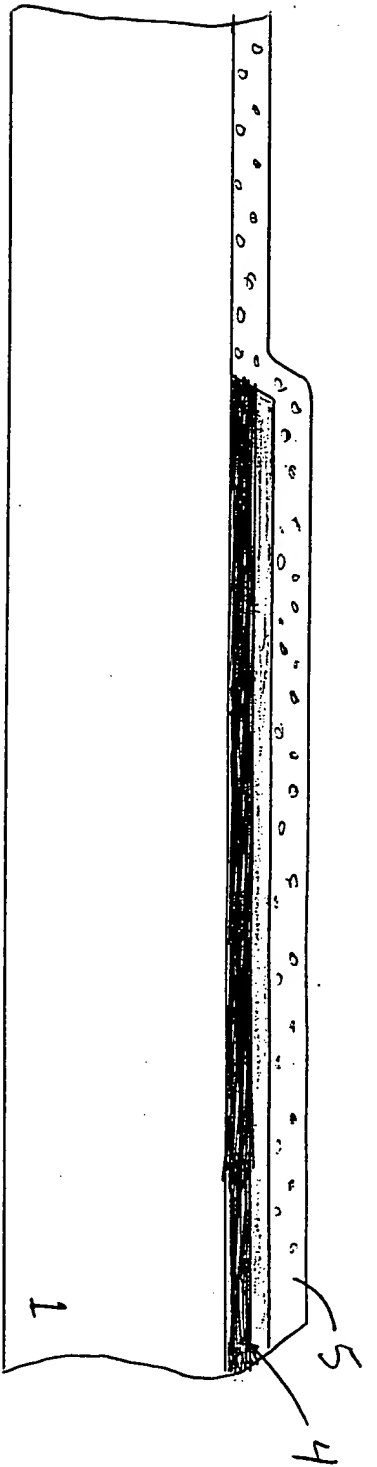


FIG. 5A

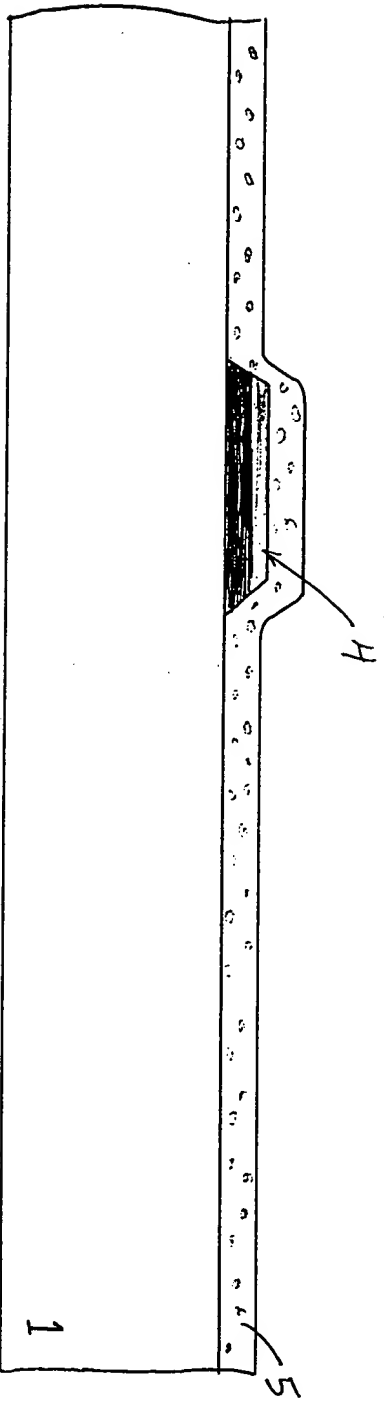


FIG. 5B

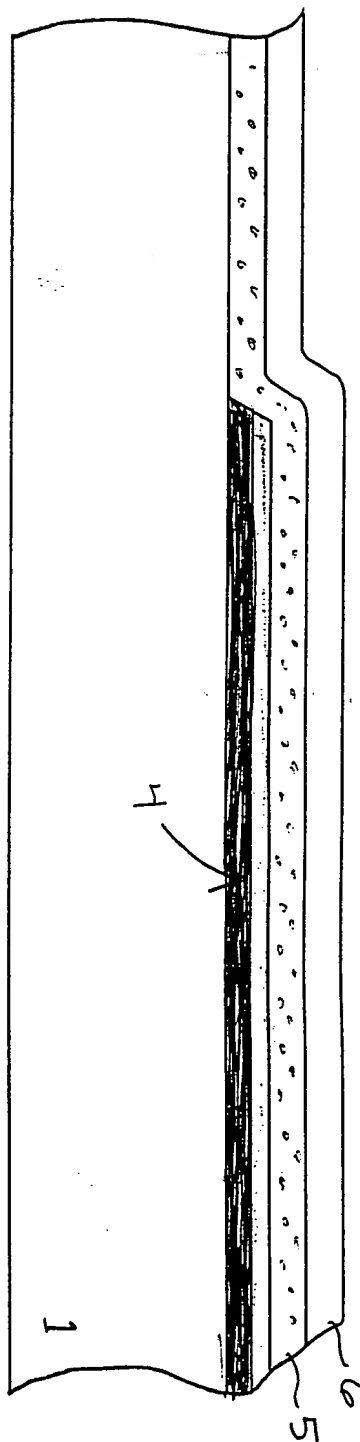


FIG. 6A

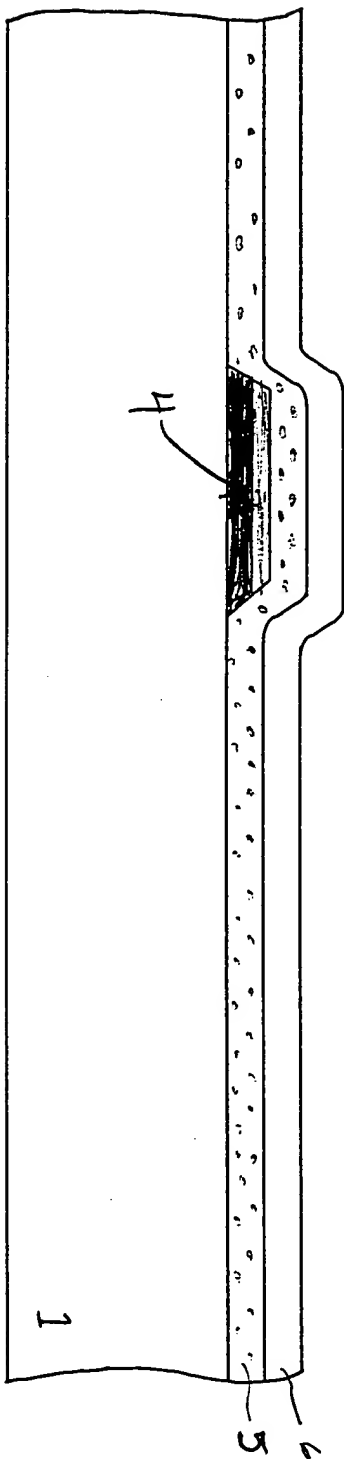


FIG. 6B

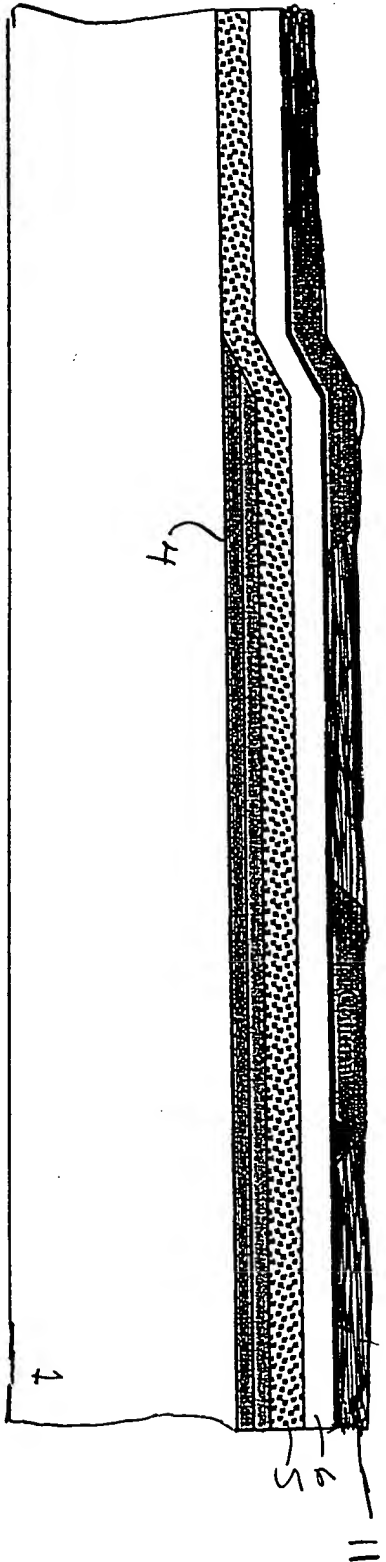


FIG. 7A

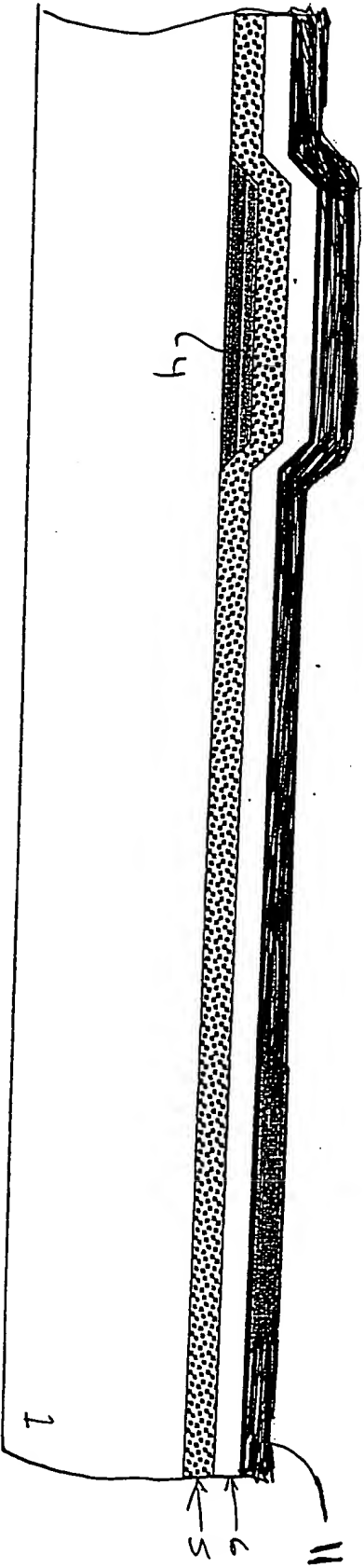


FIG. 7B

FIG. 7A and FIG. 7B are cross-sectional views of a multi-layered structure. The structure includes a top layer (11), a middle layer (4) with a stippled texture, and a bottom layer (1). A small gap or channel (5) is visible between the top and middle layers. The structure is shown in a perspective view, slightly angled.

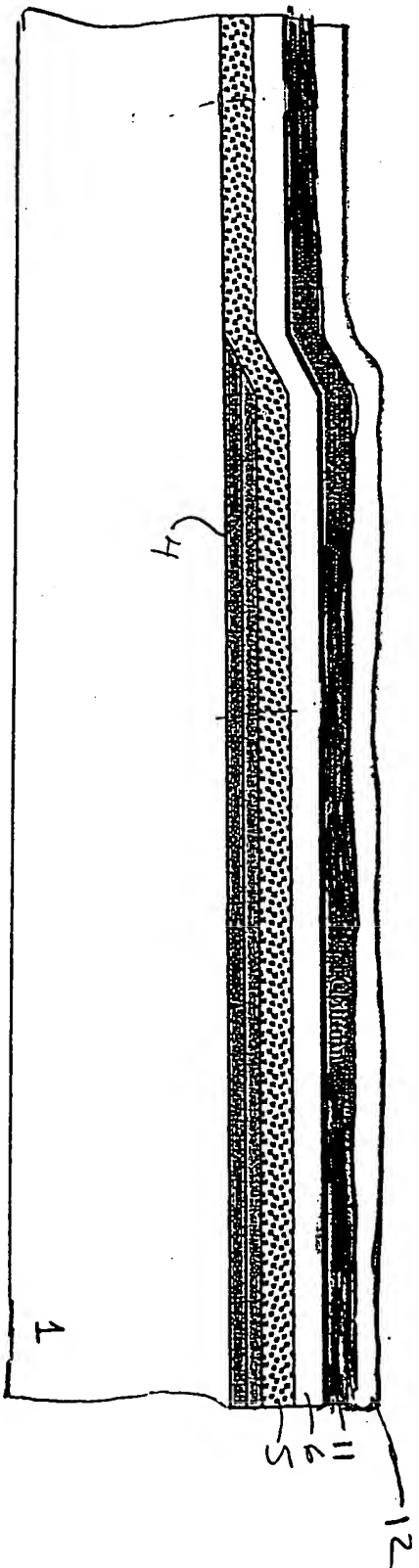


FIG. 8A

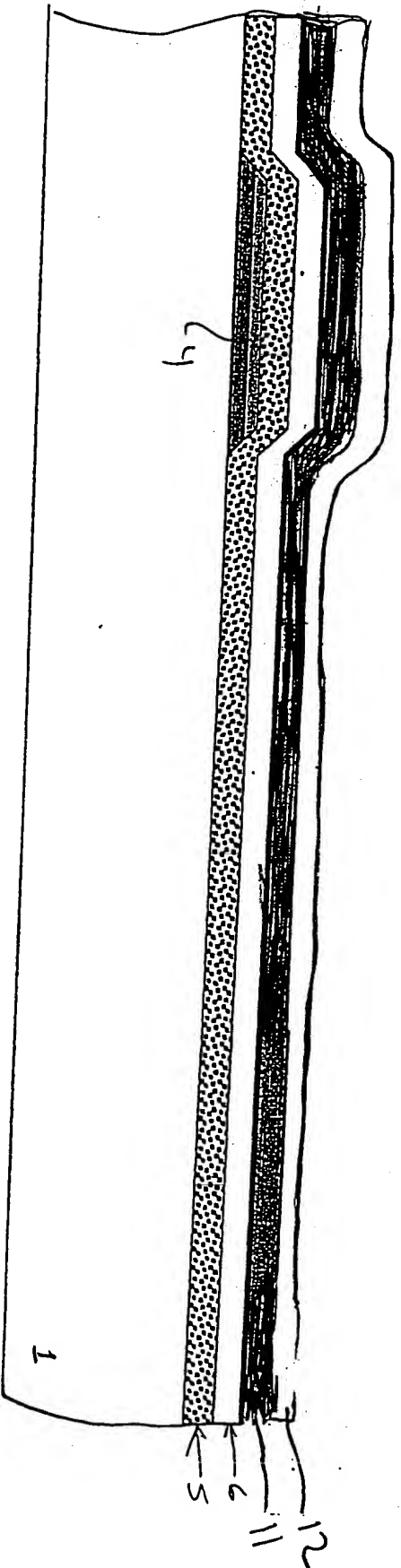


FIG. 8B



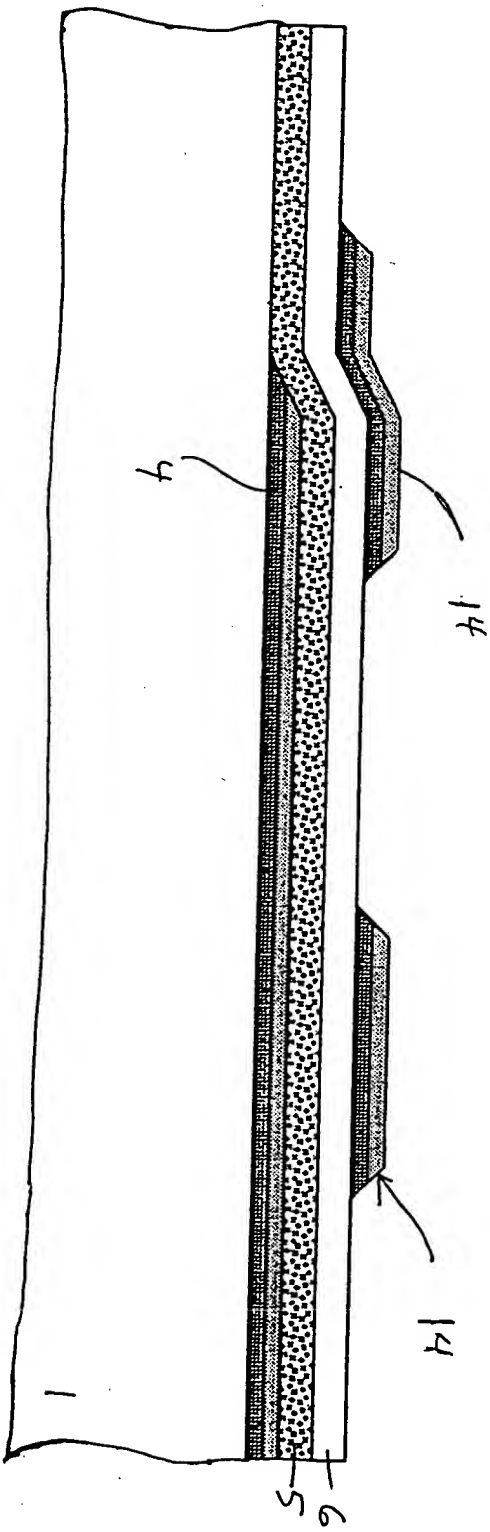


FIG. 9A

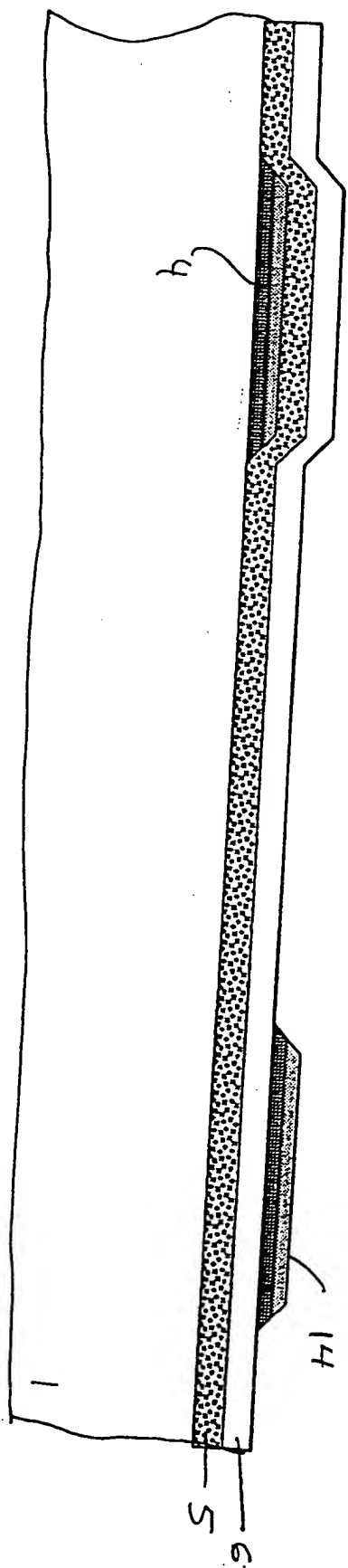


FIG. 9B

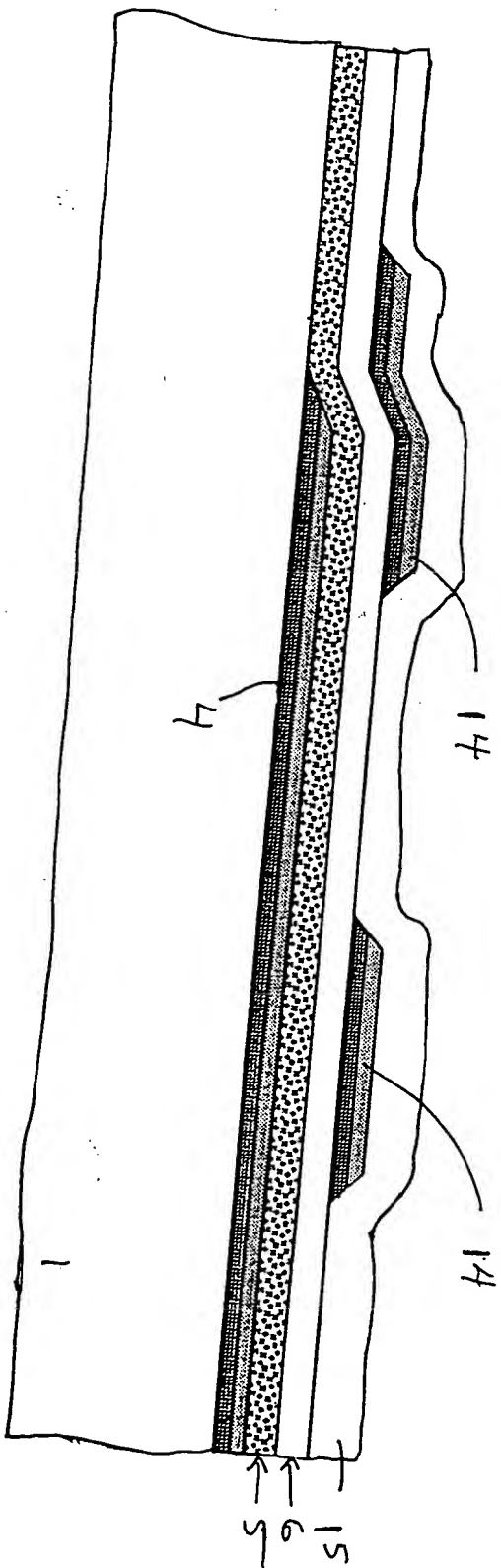


FIG. 10A

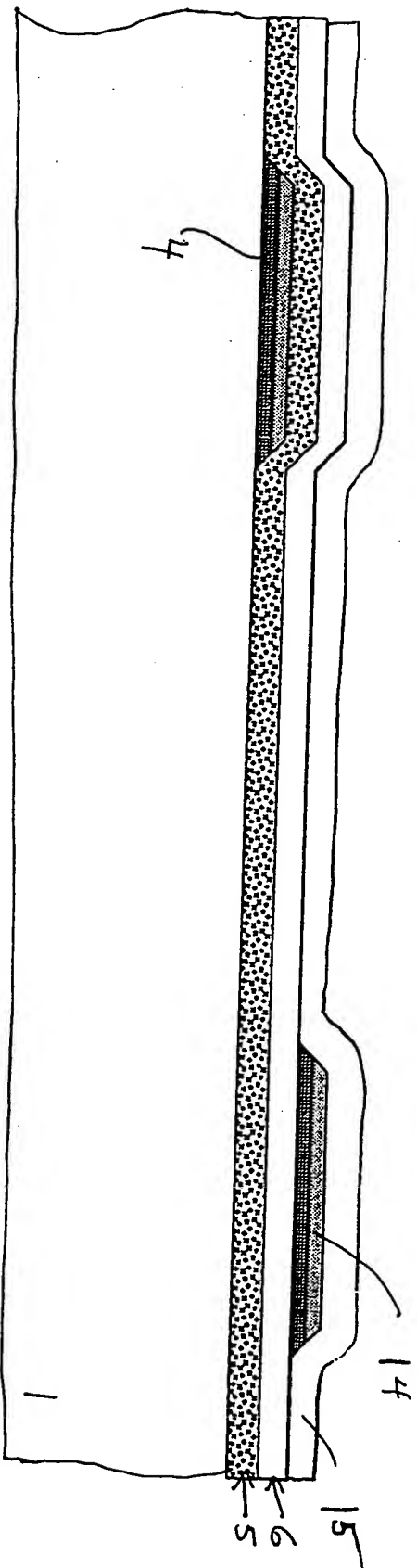


FIG. 10B

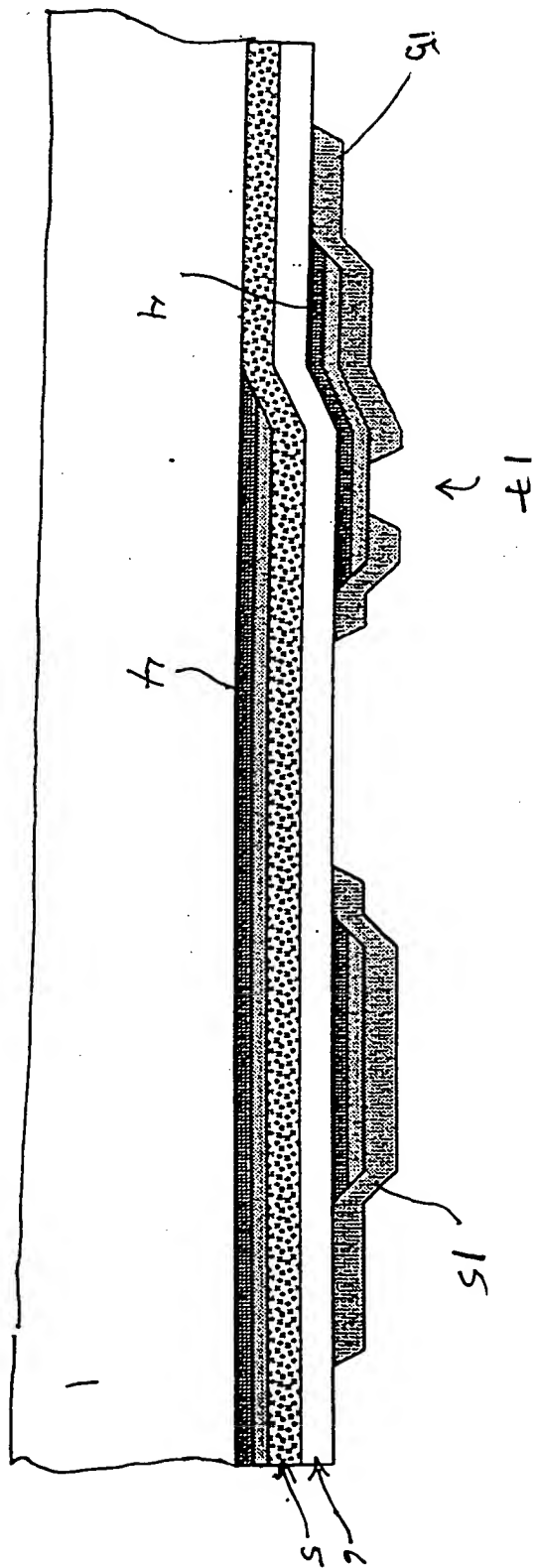


FIG. 11A

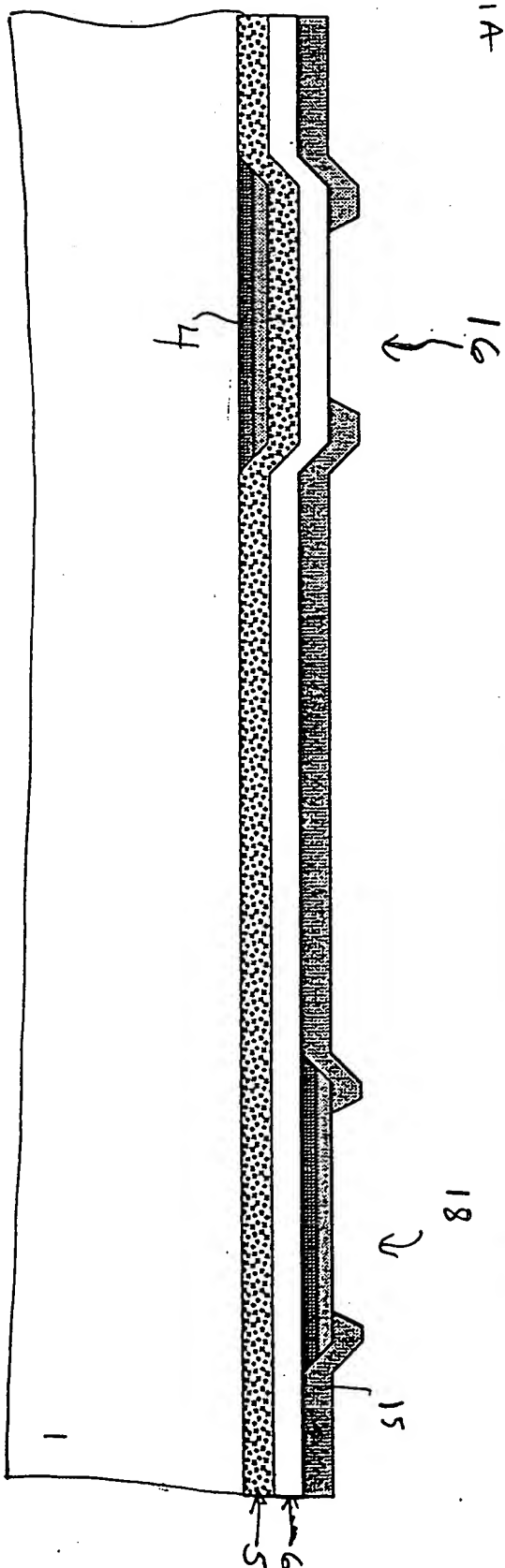


FIG. 11B

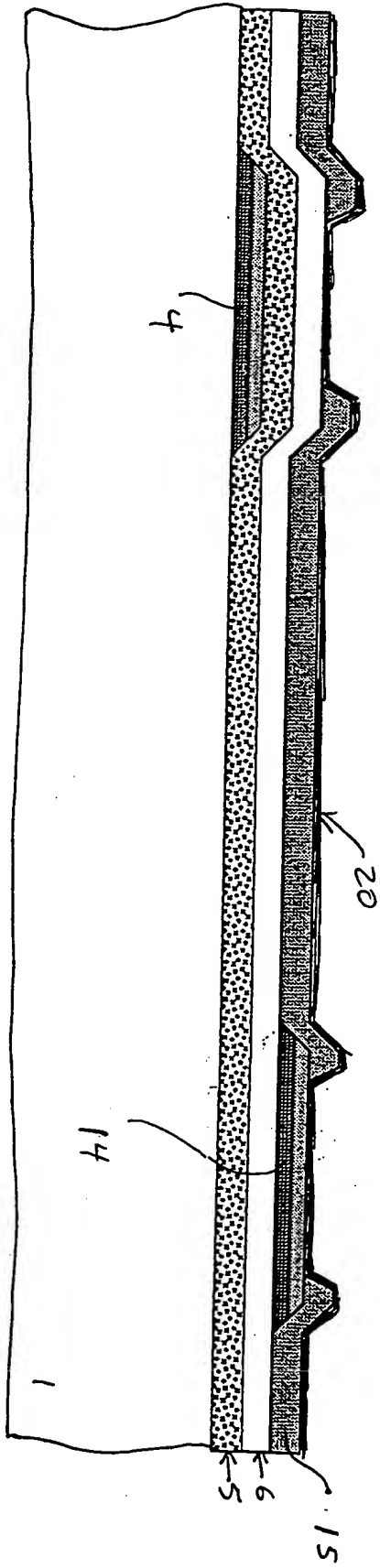
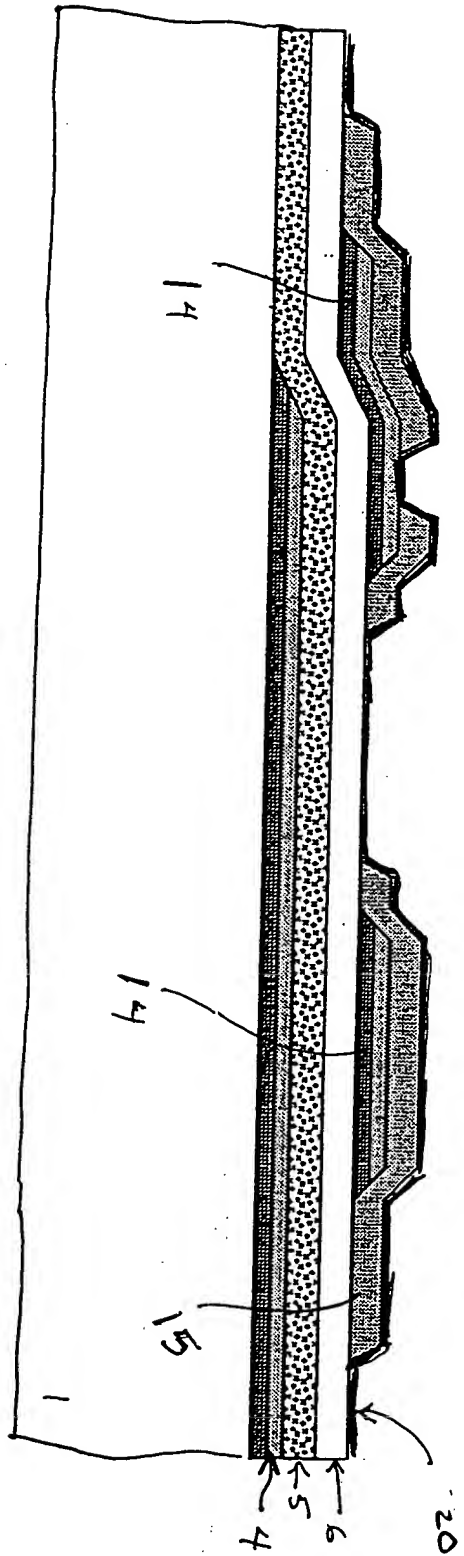


FIG. 12B



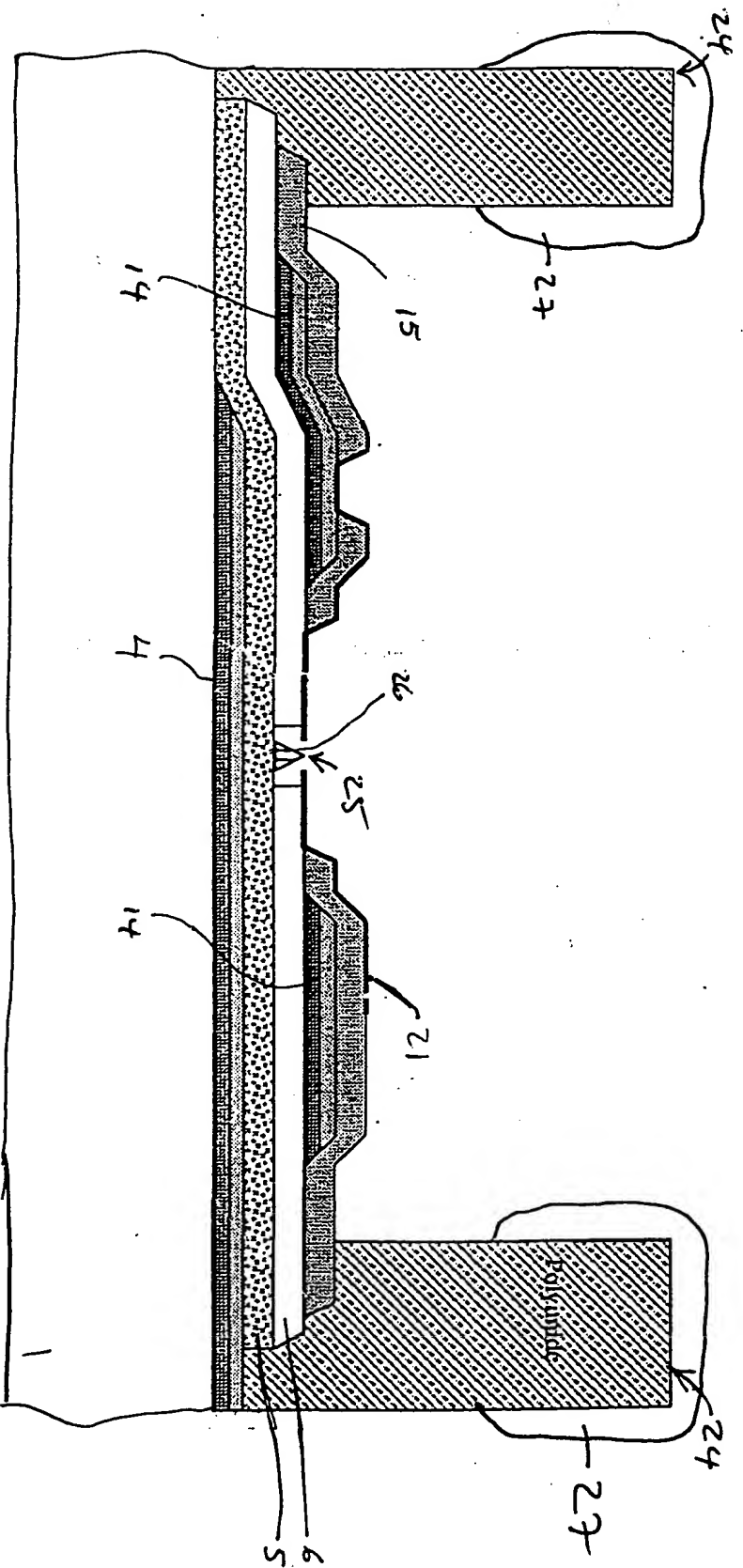


FIG. 14A

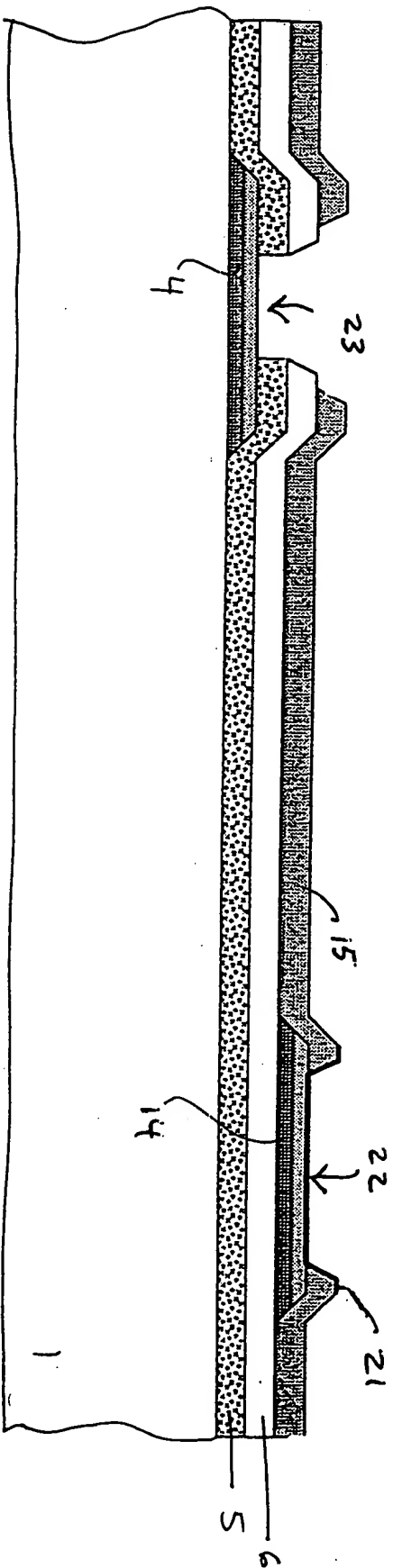


FIG. 14B

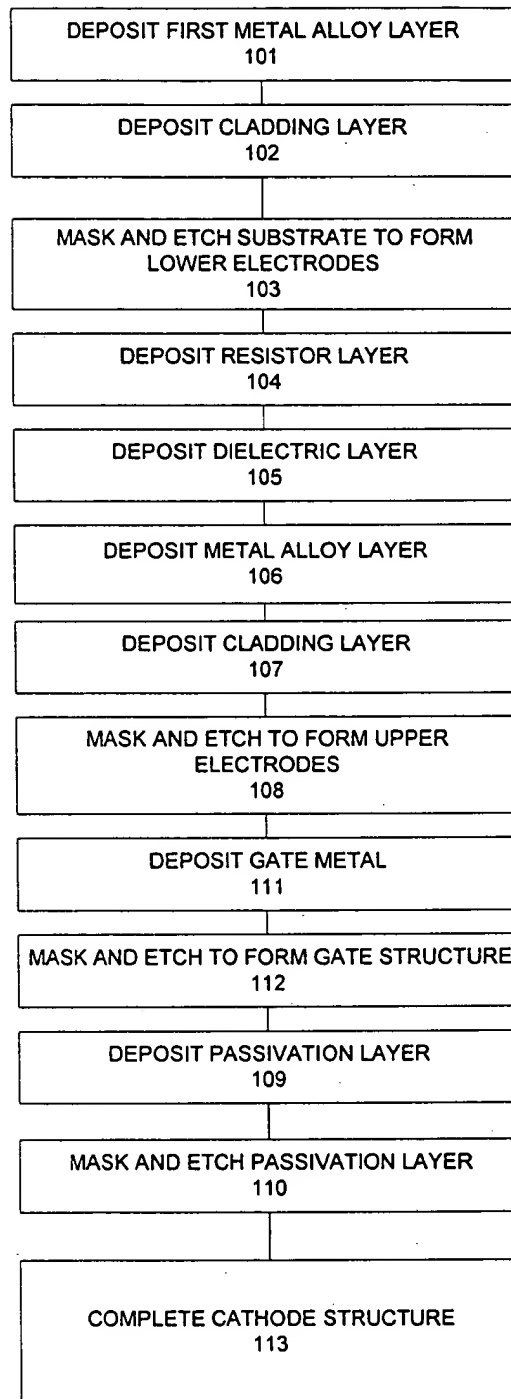


FIG. 15

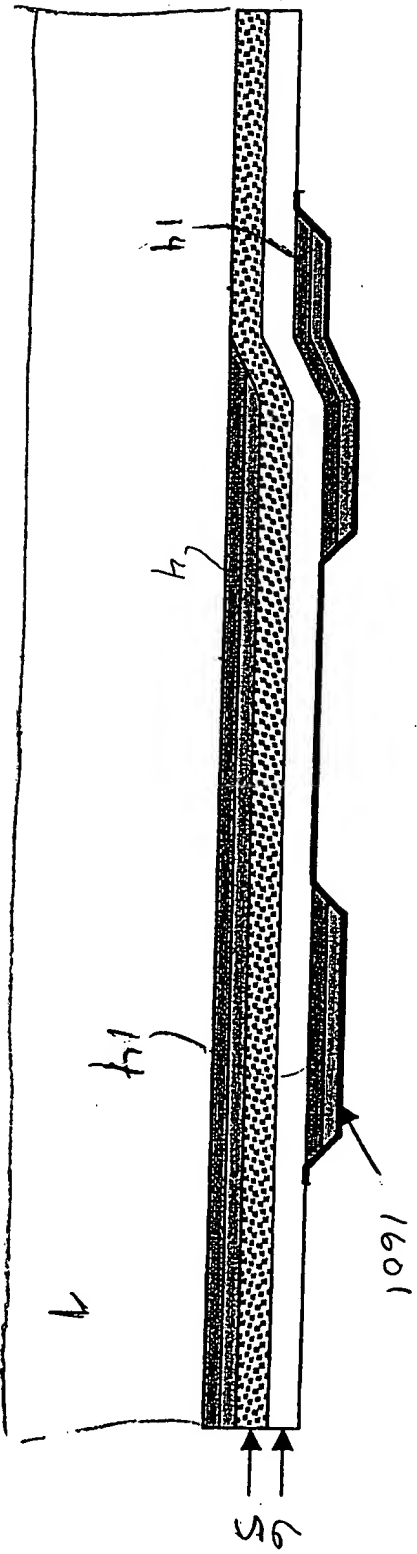


FIG. 16A

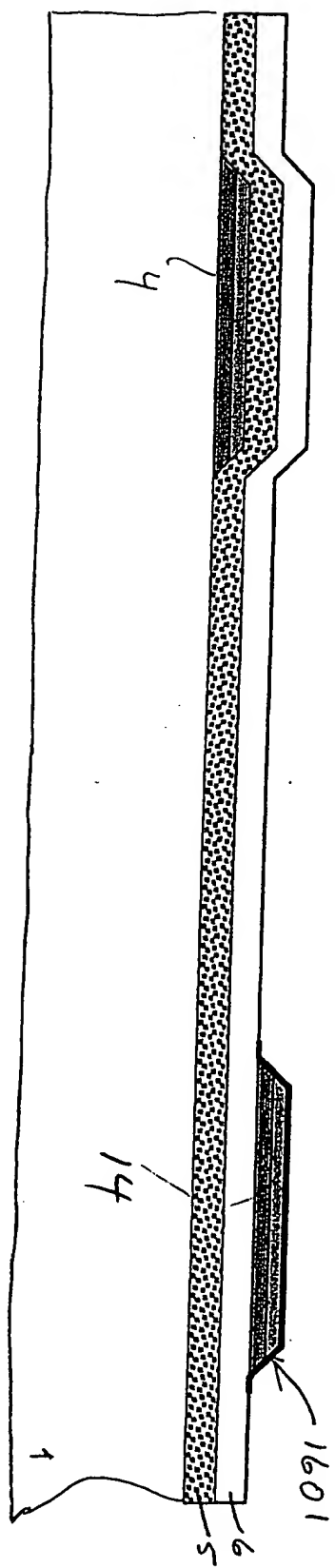


FIG. 16B

FIG. 16A and FIG. 16B are cross-sectional views of a layered structure. The structure includes a central layer (4) with a stippled pattern, flanked by layers (14). The entire assembly is contained within a larger frame (1). A protruding feature (1601) is located on the right side. At the bottom right, two arrows (5 and 6) point upwards.



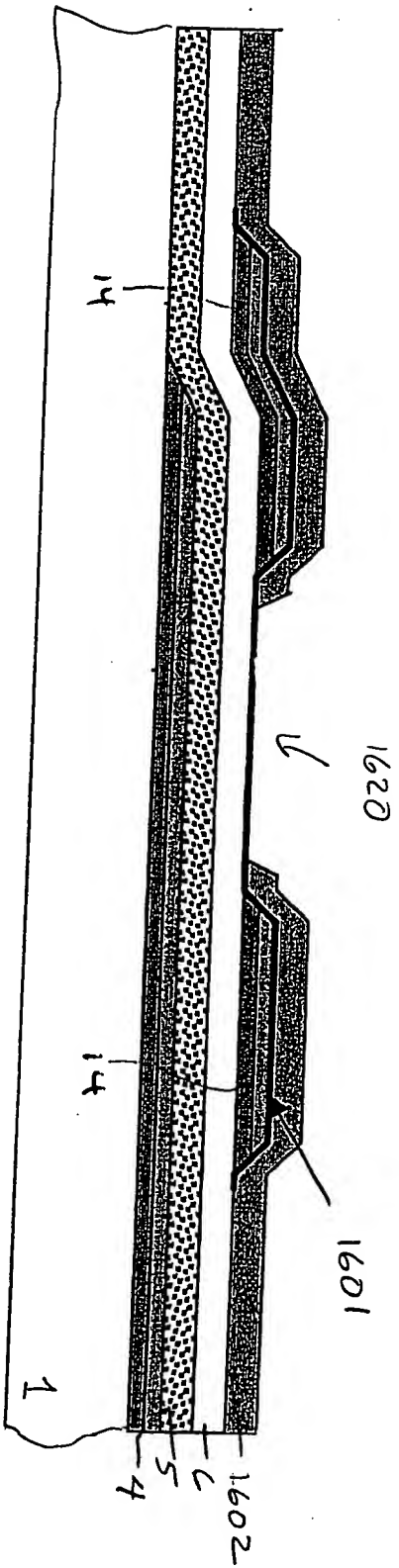


FIG. 16C

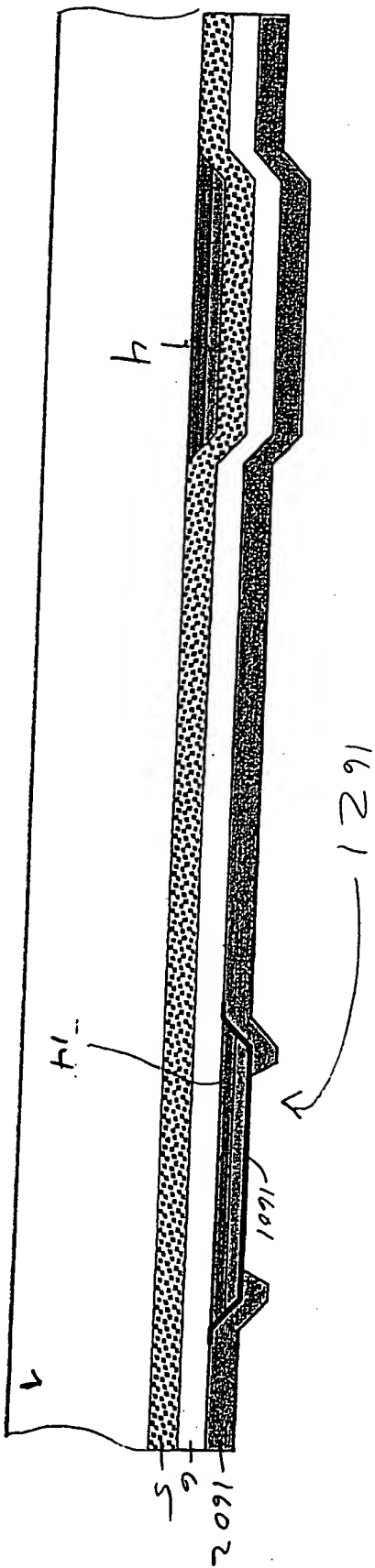


FIG. 16D

FIG. 16E

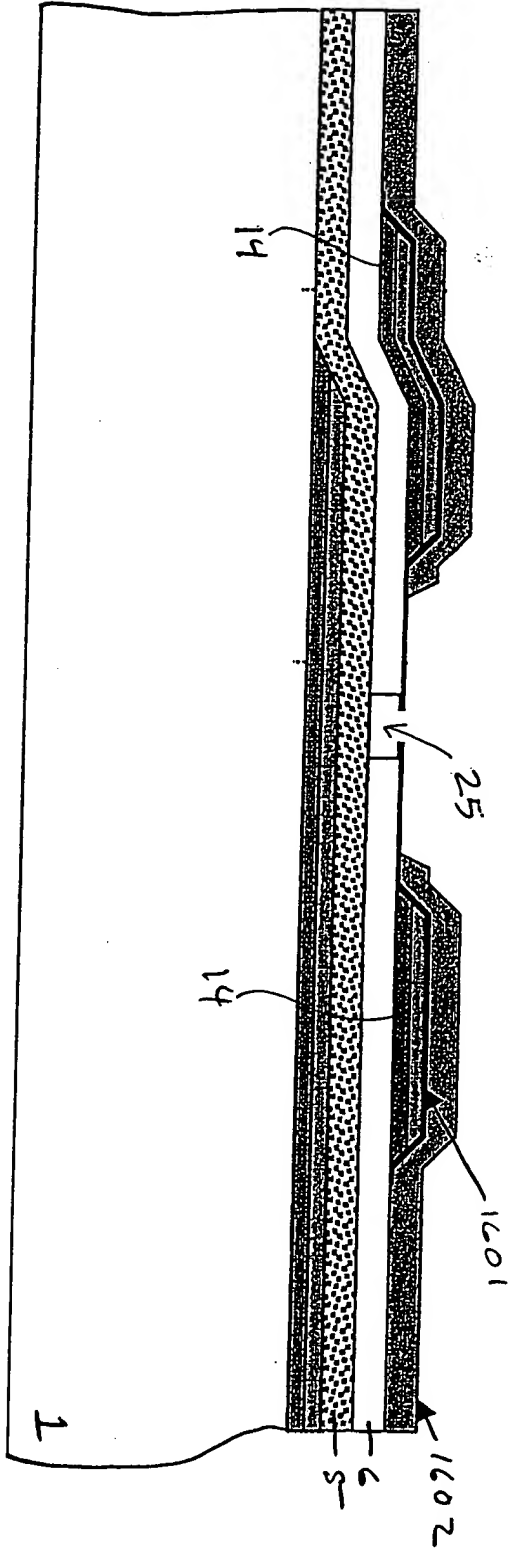


FIG. 16F

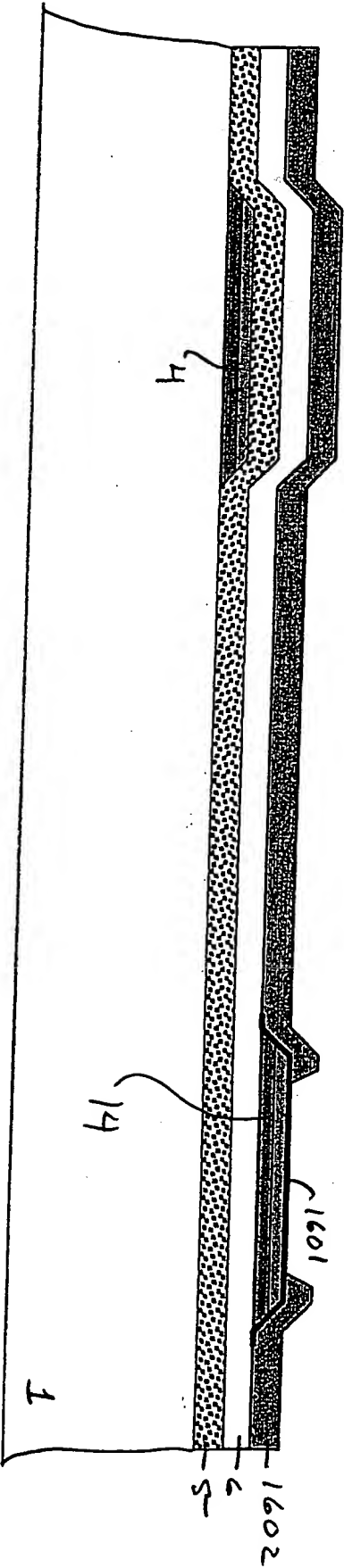


FIG 16G

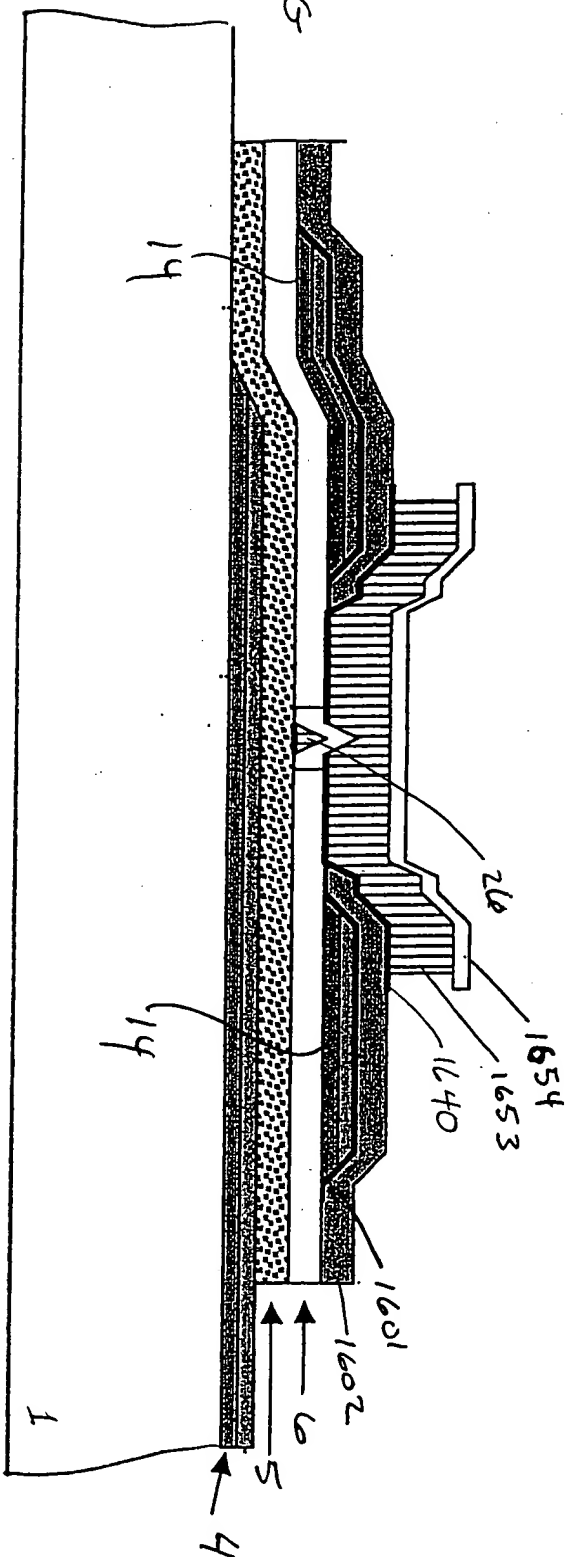


FIG 16H

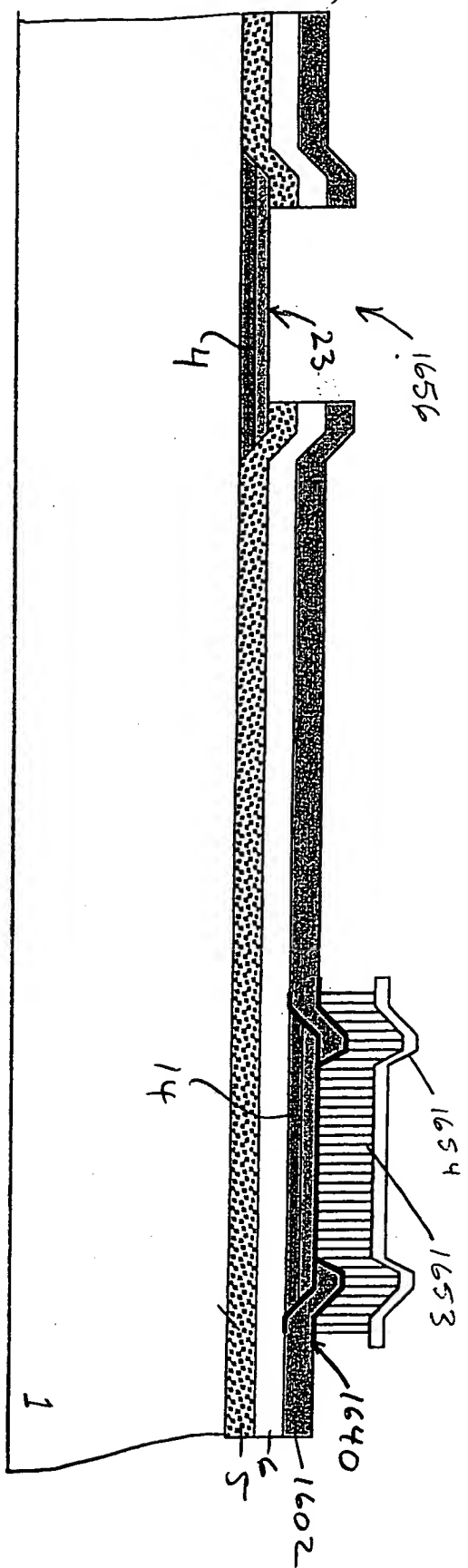
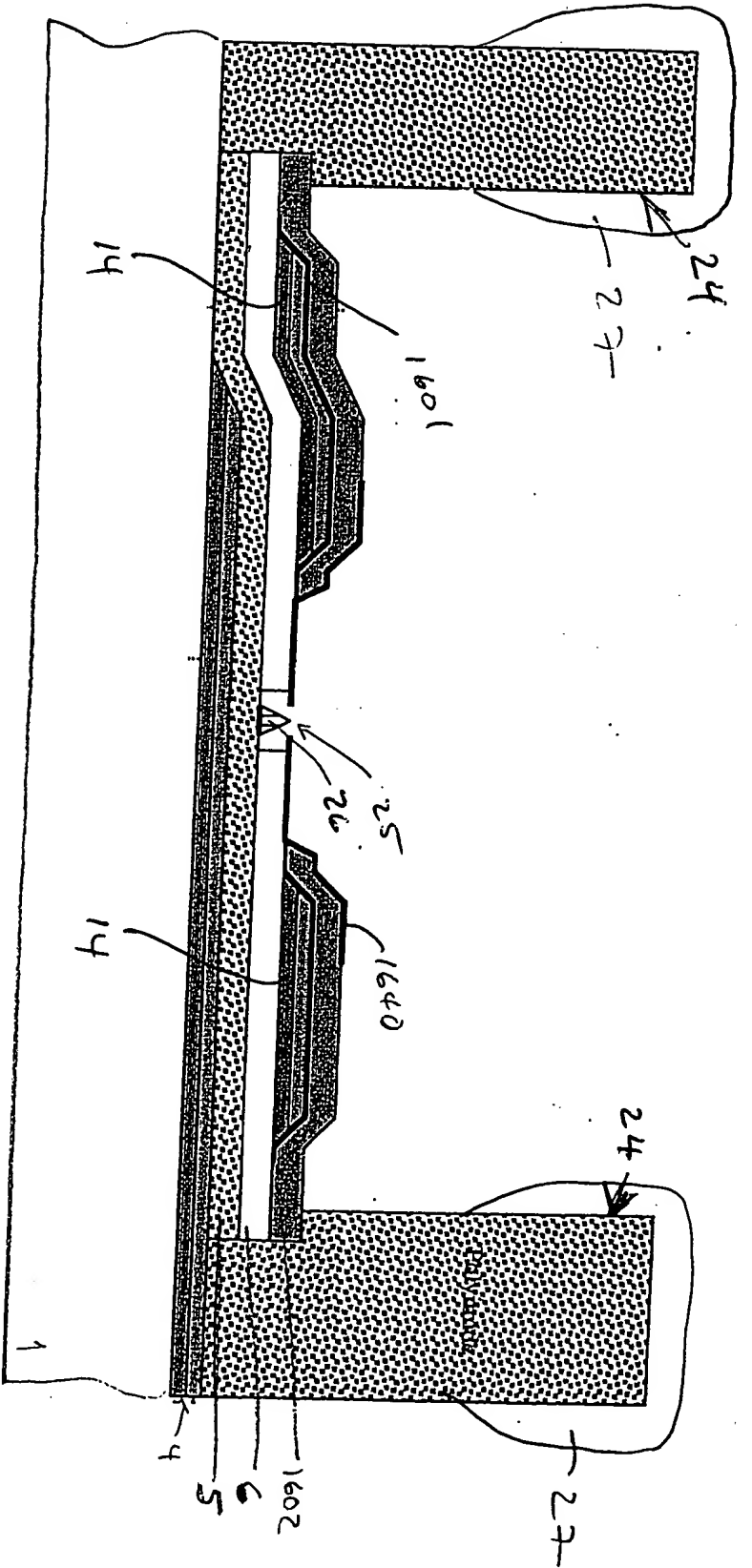


FIG 16 I



1656

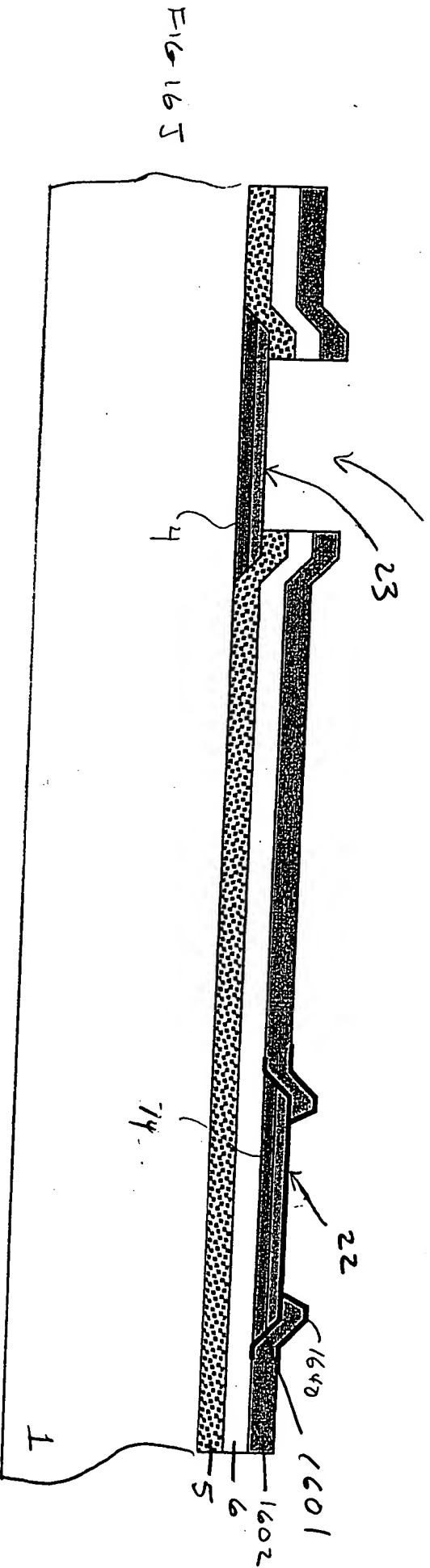


FIG 16 J

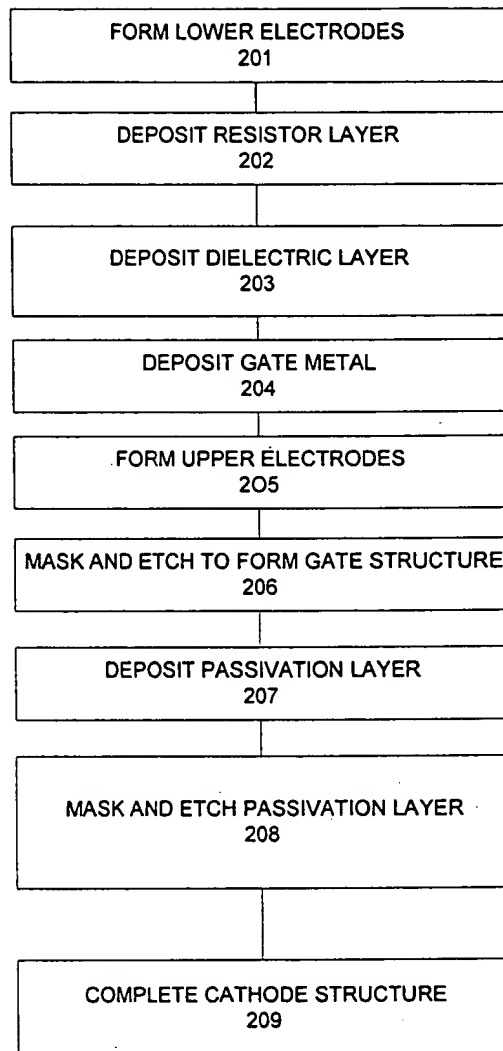


FIG. 17

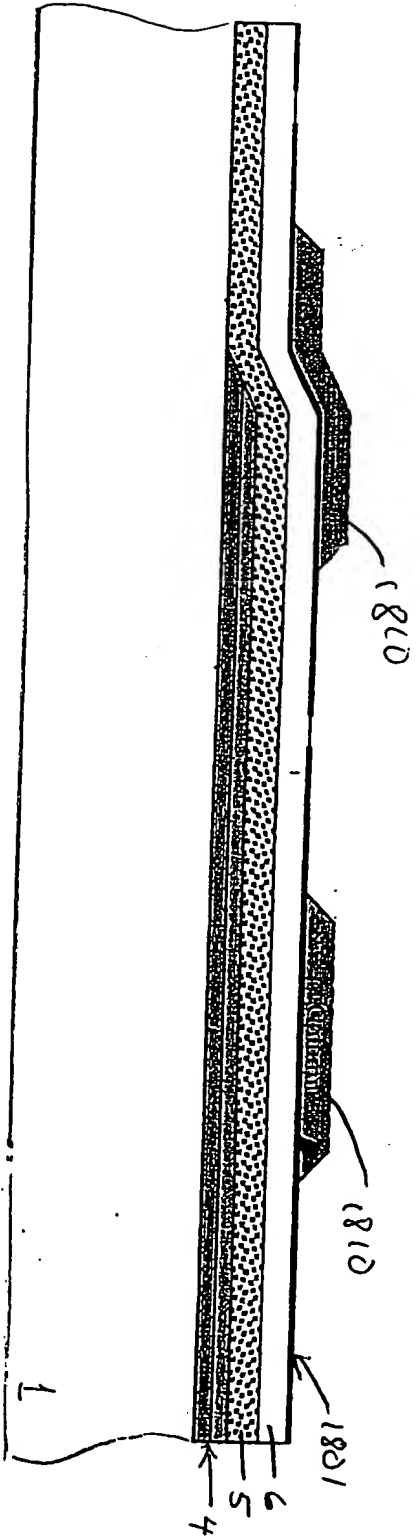


FIG 18A

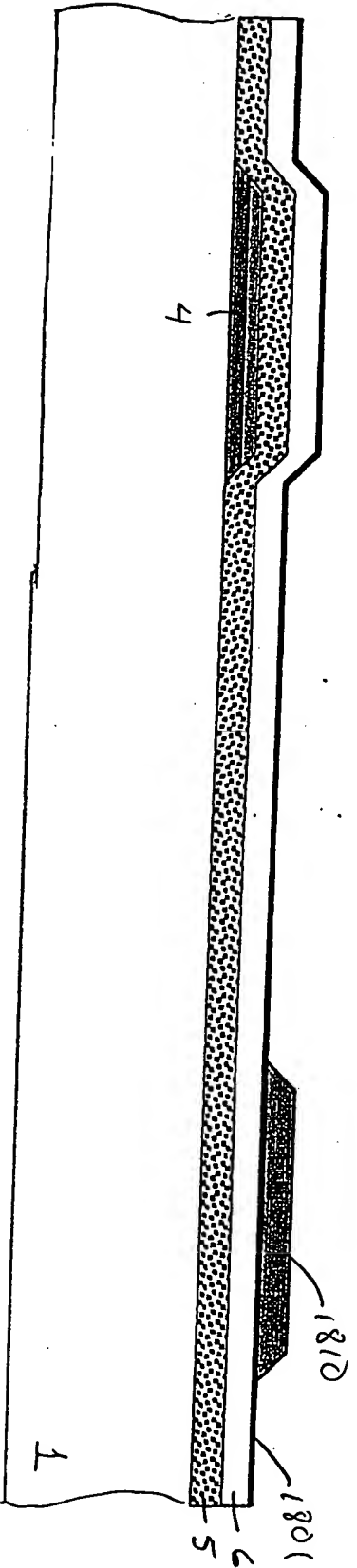


FIG 18B

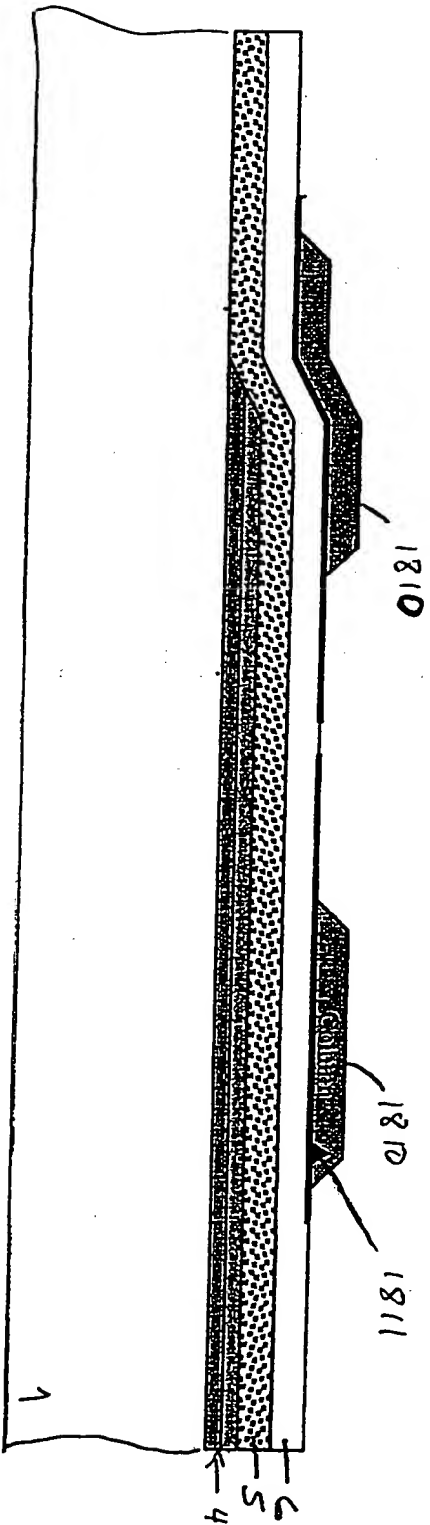


FIG. 18C

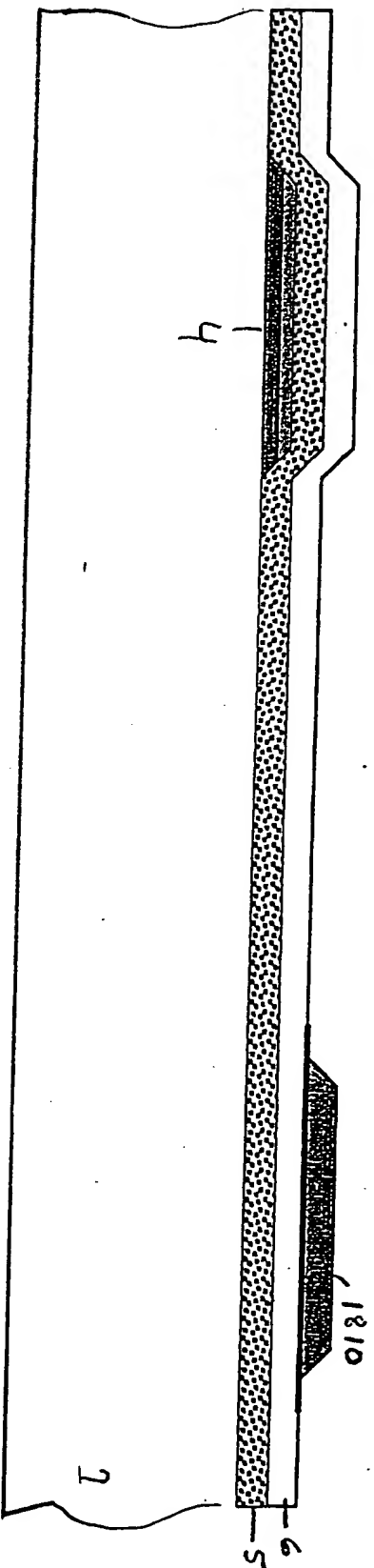


FIG. 18D

18E

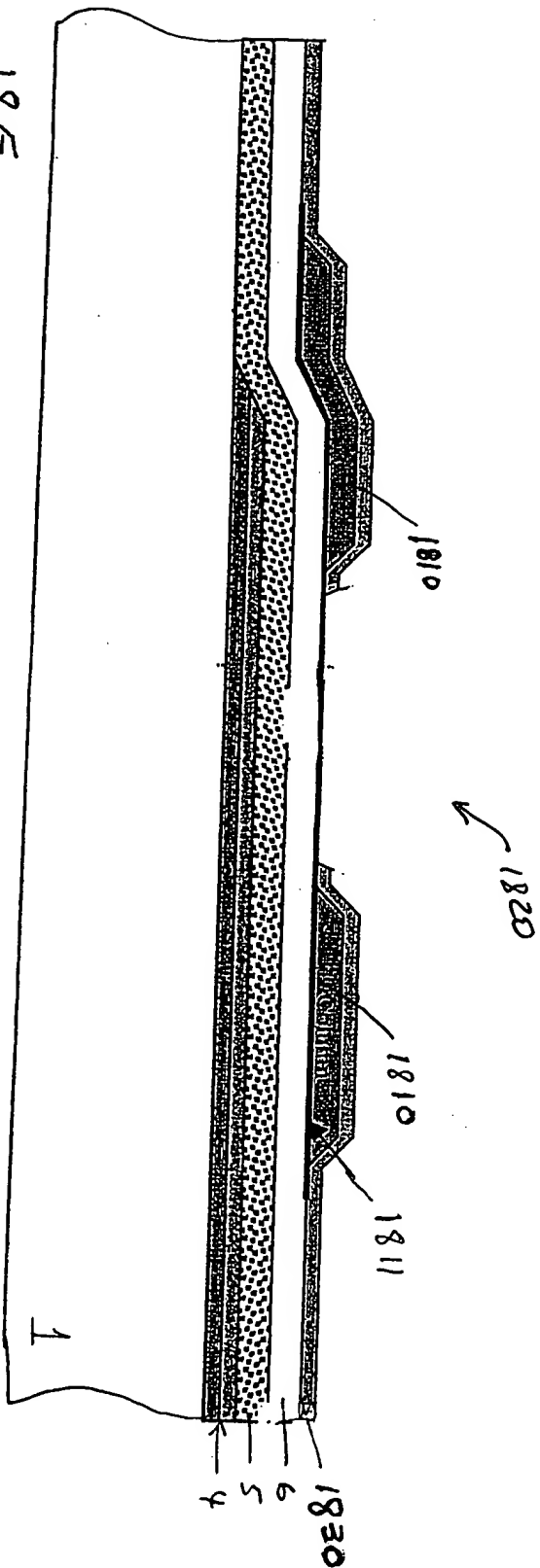


FIG. 18F

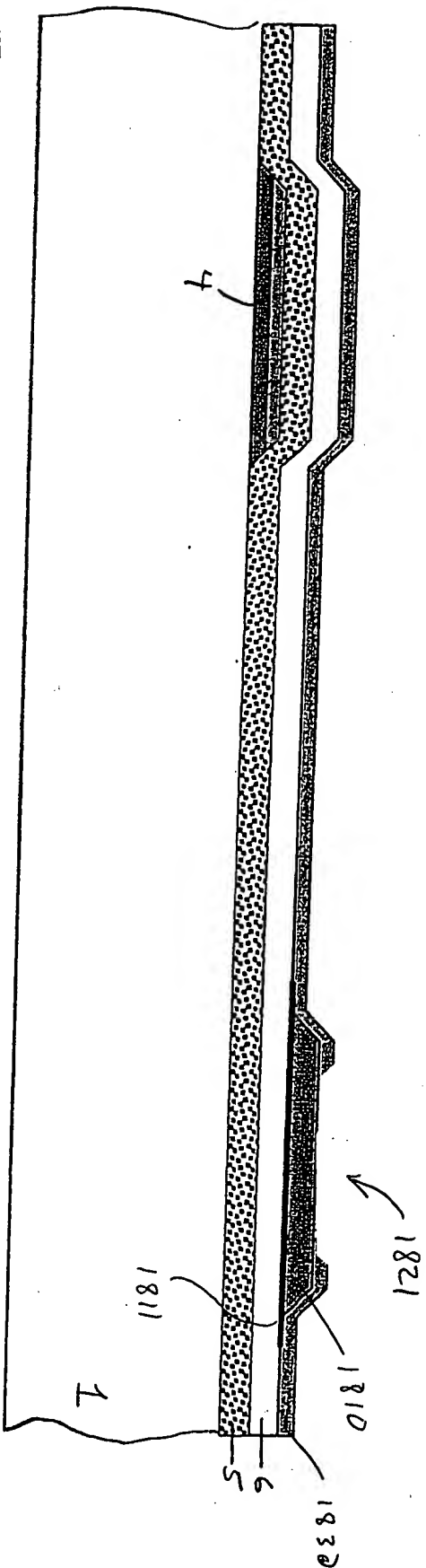




FIG 18G

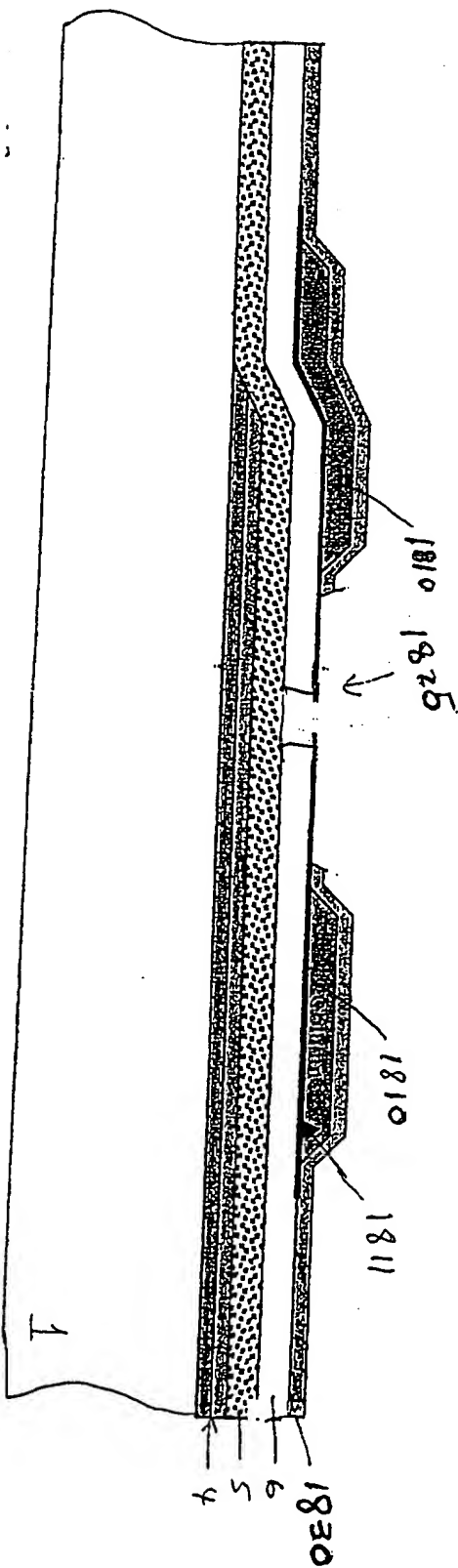
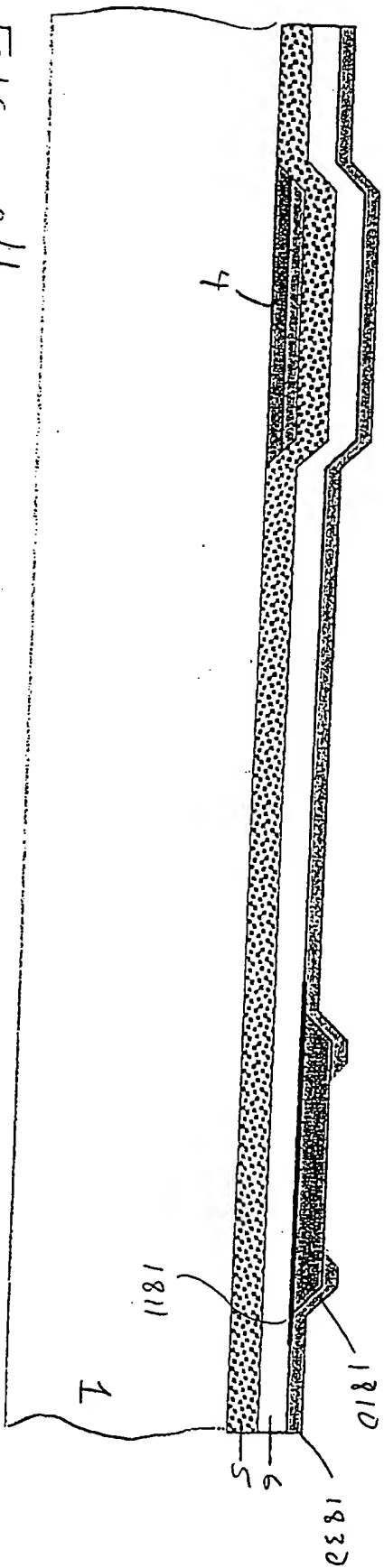


FIG. 18H



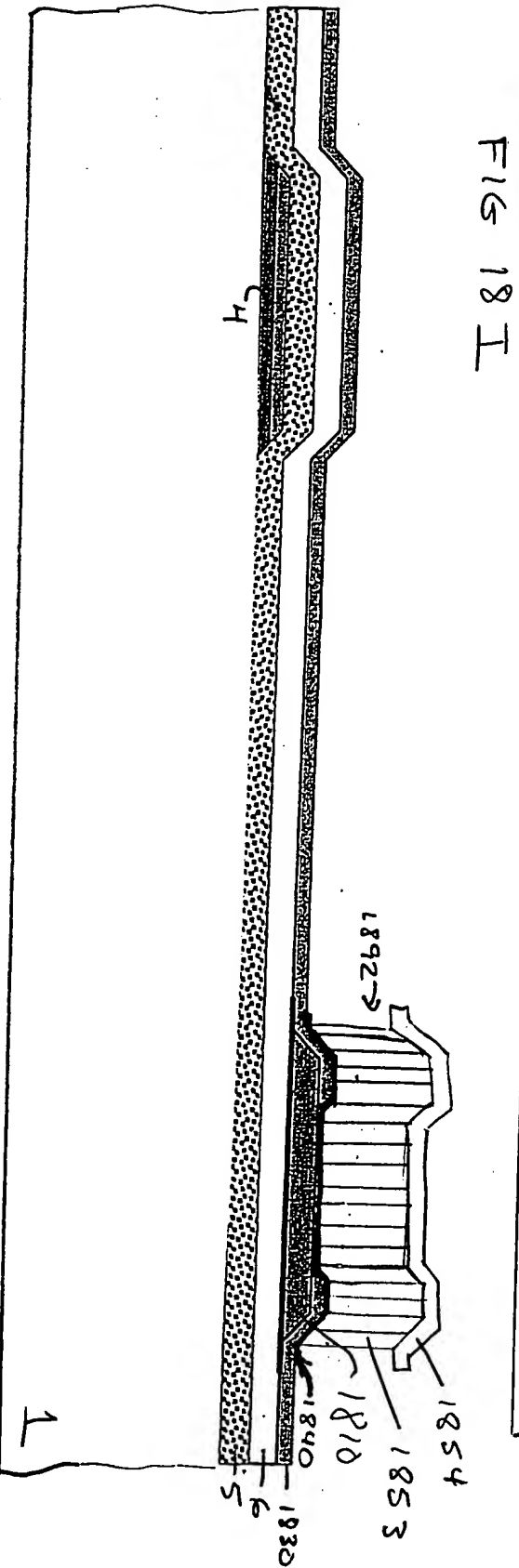
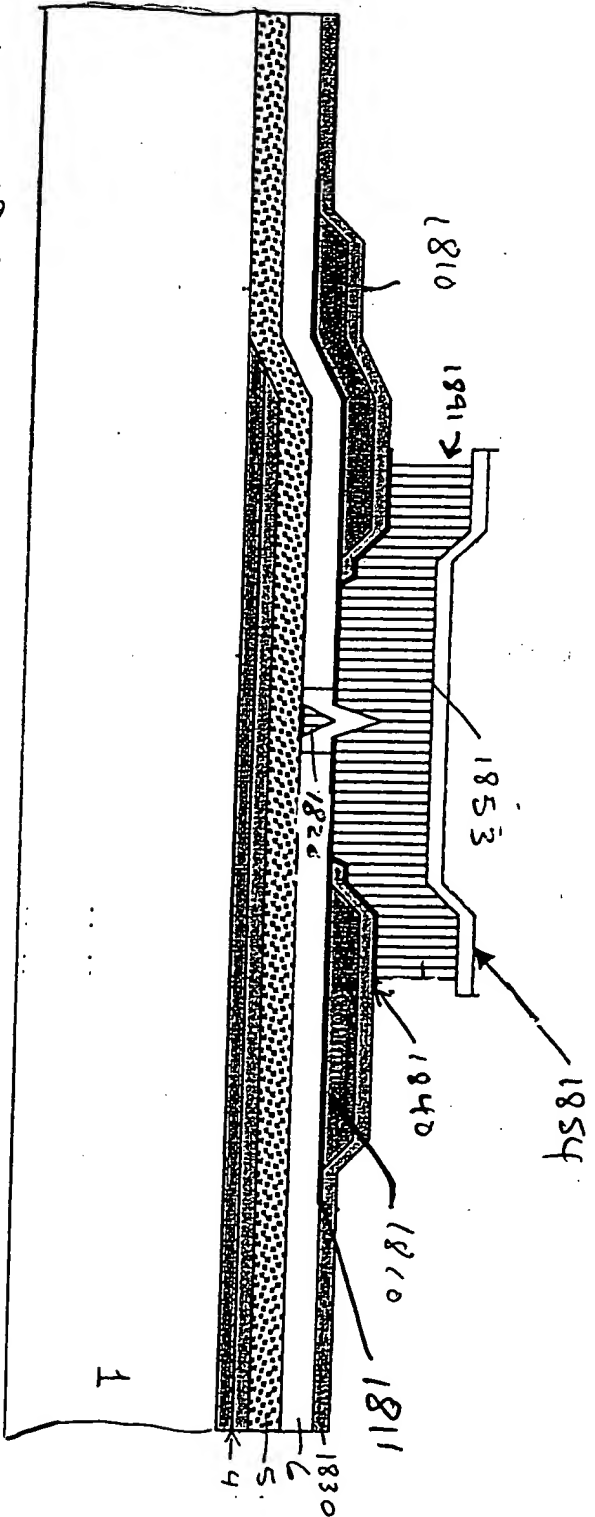


FIG 18 K

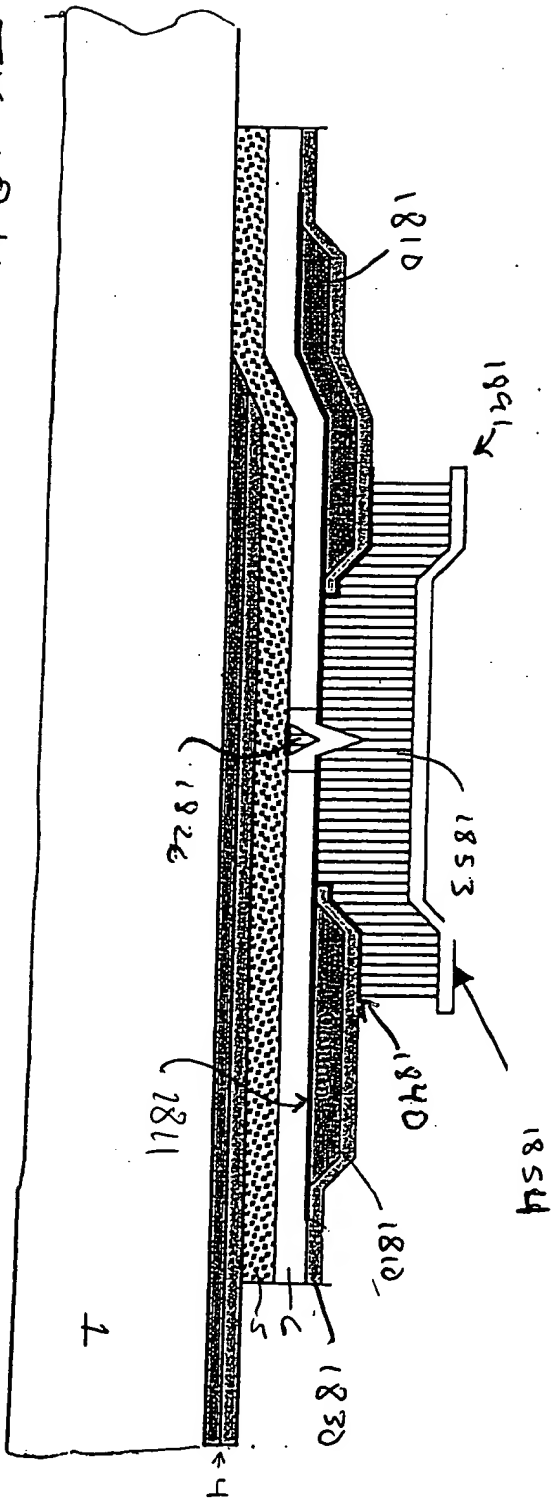
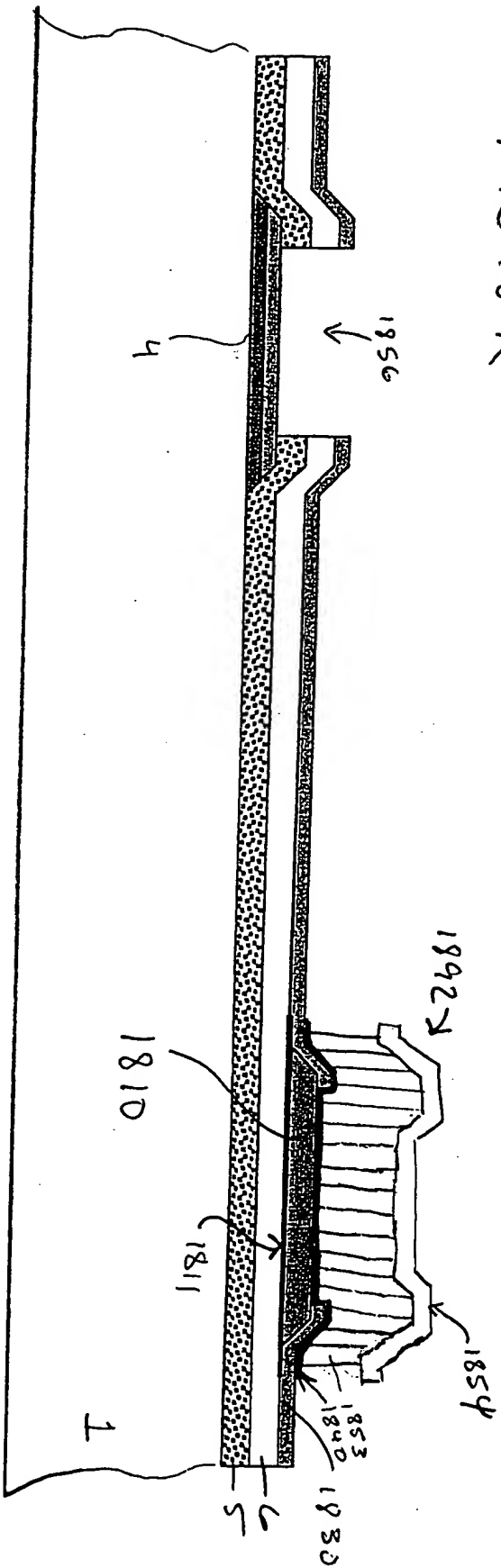


FIG 18 L



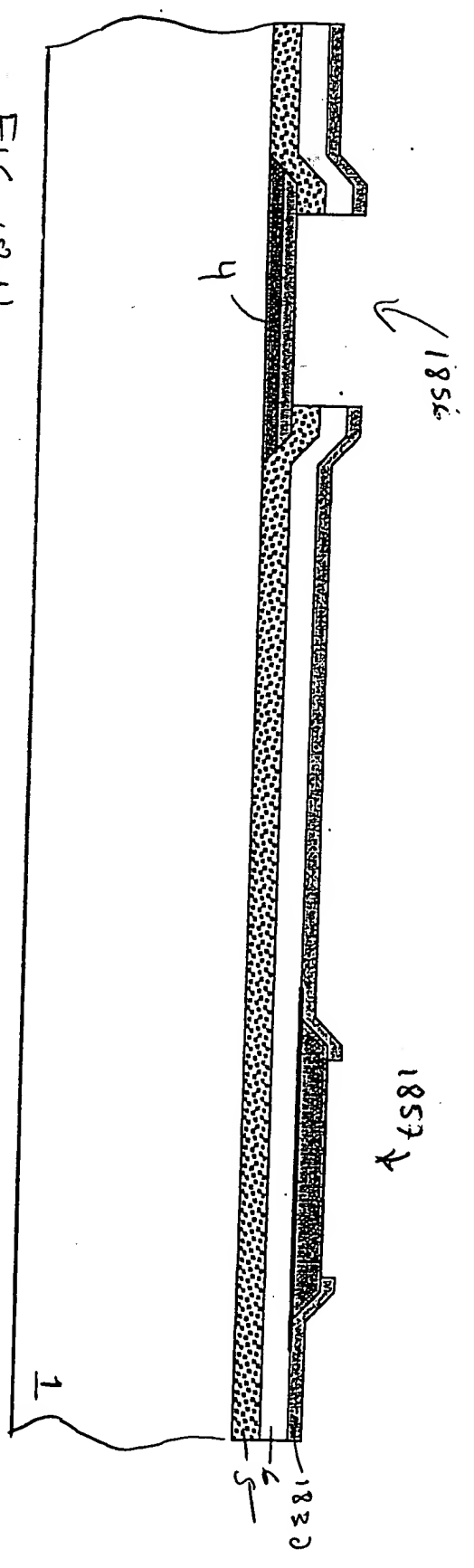
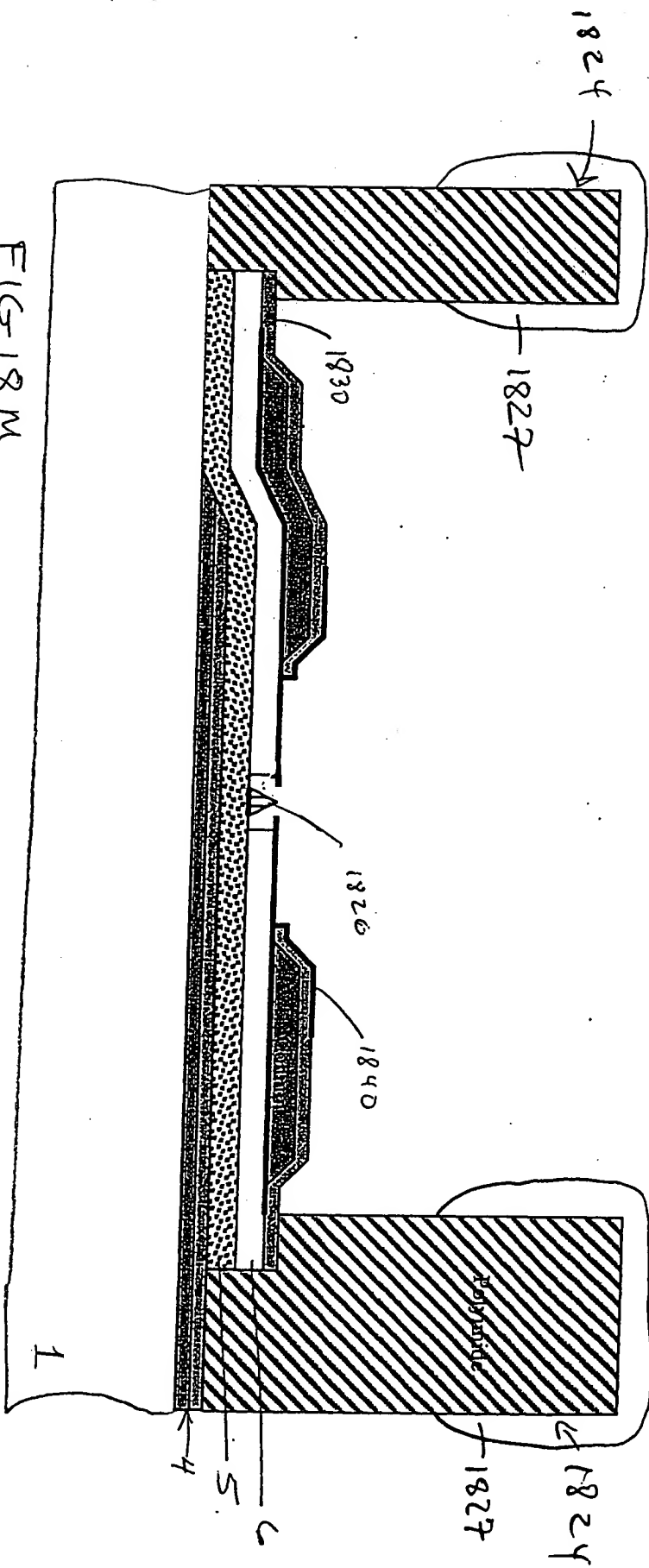


FIG 18M and FIG 18N are schematic diagrams of a multi-layered structure. The structure consists of a central core (1826) with a textured pattern, flanked by two hatched blocks (1827). The top layer is labeled 1824. Below the core, there are several thin layers labeled 1830, 1840, and 1850. The bottom layer is labeled 1827. A bracket labeled 1 is at the bottom. Arrows point to various layers: 1824, 1827, 1830, 1826, 1840, 1850, and 1827.

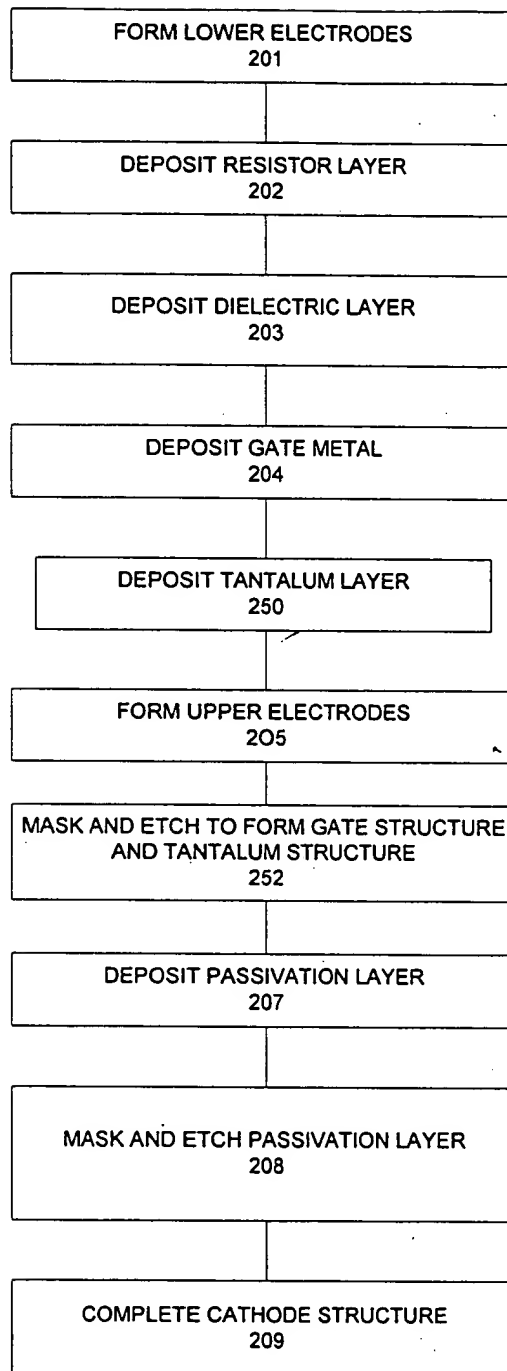


FIG. 19

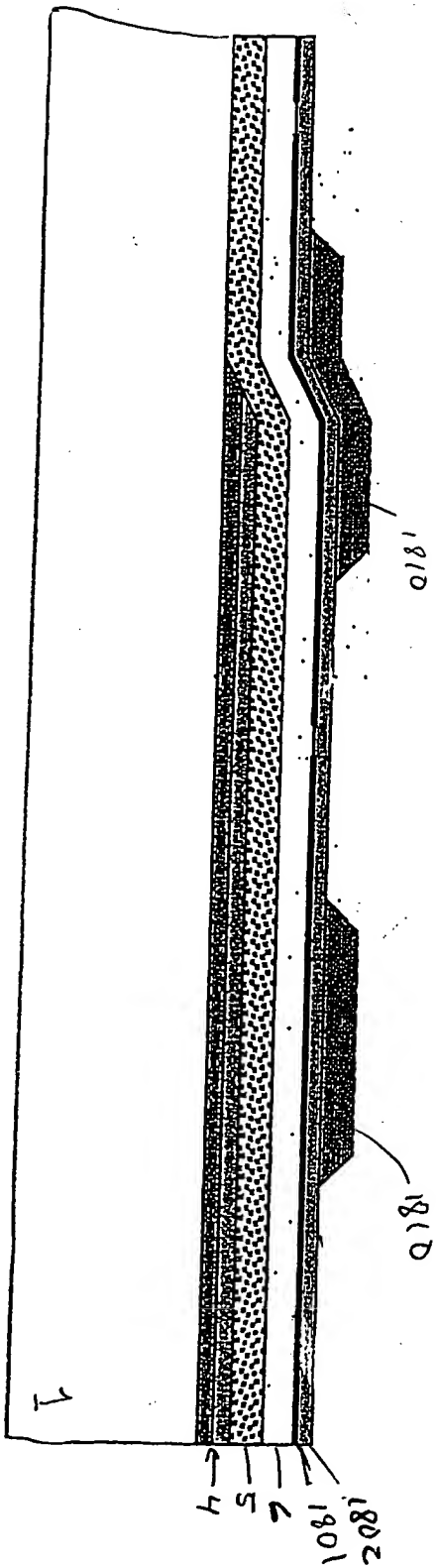
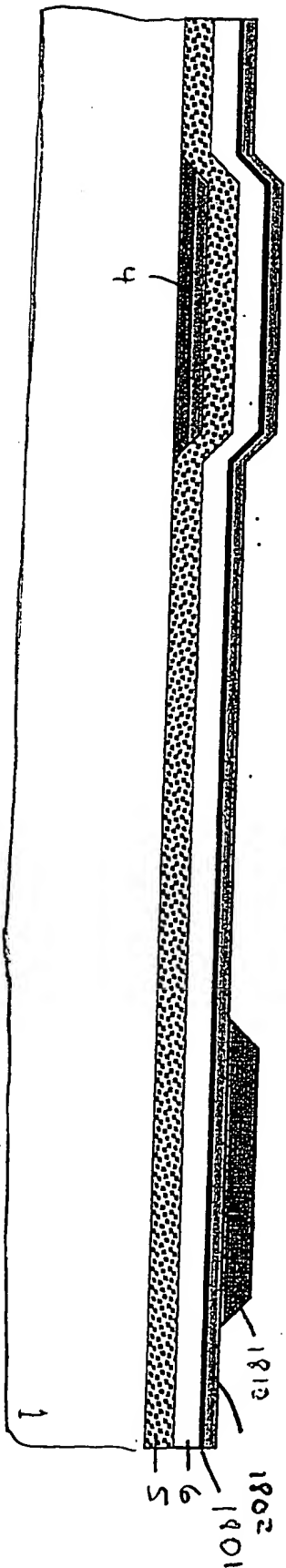


FIG. 20A



#15, 20B

FIG. 20C

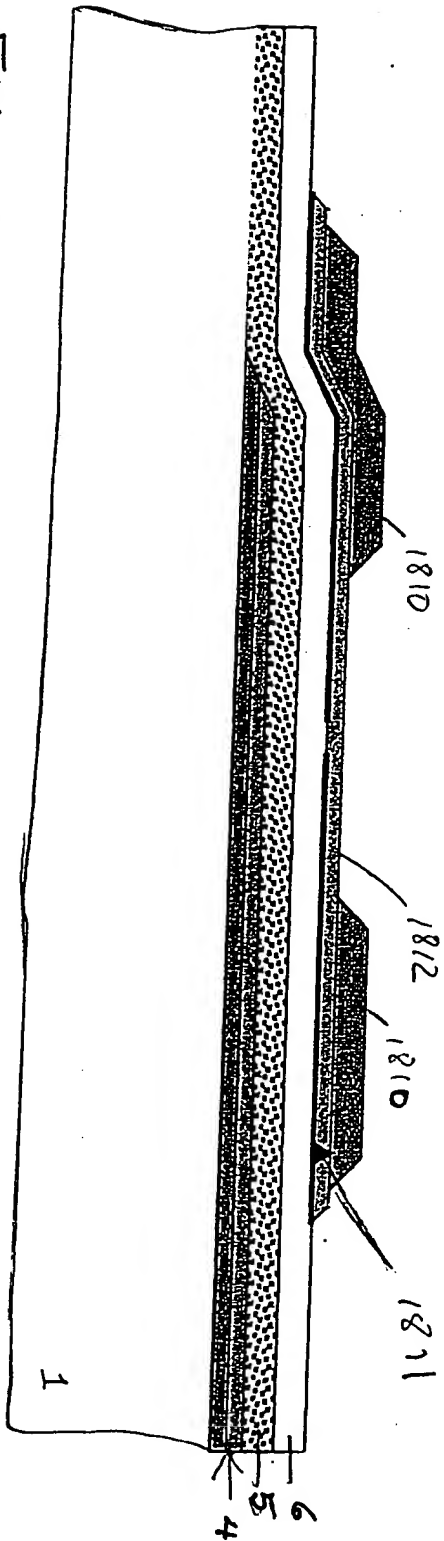
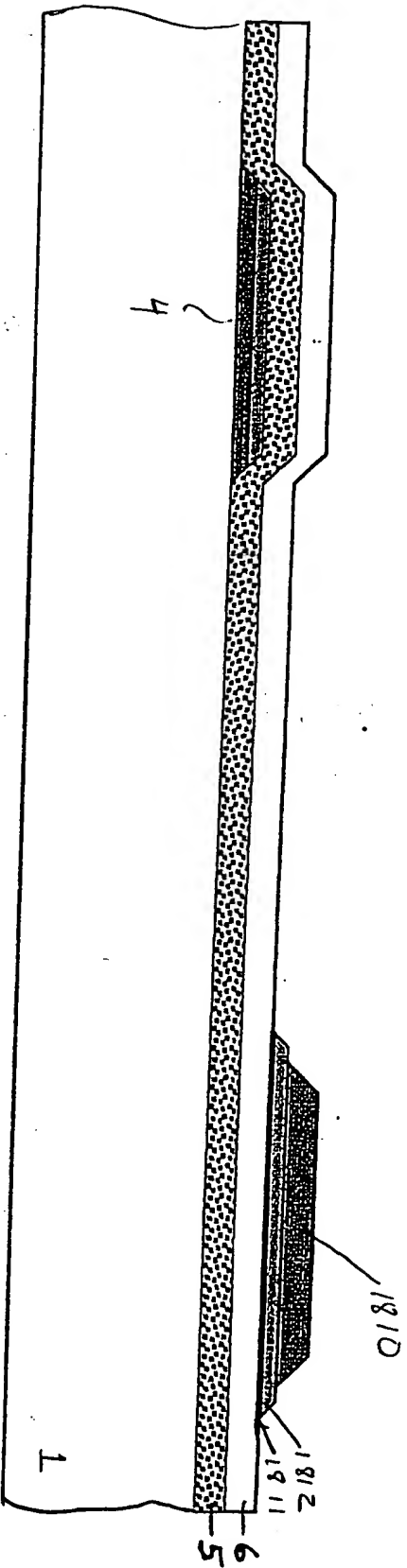


FIG. 20D







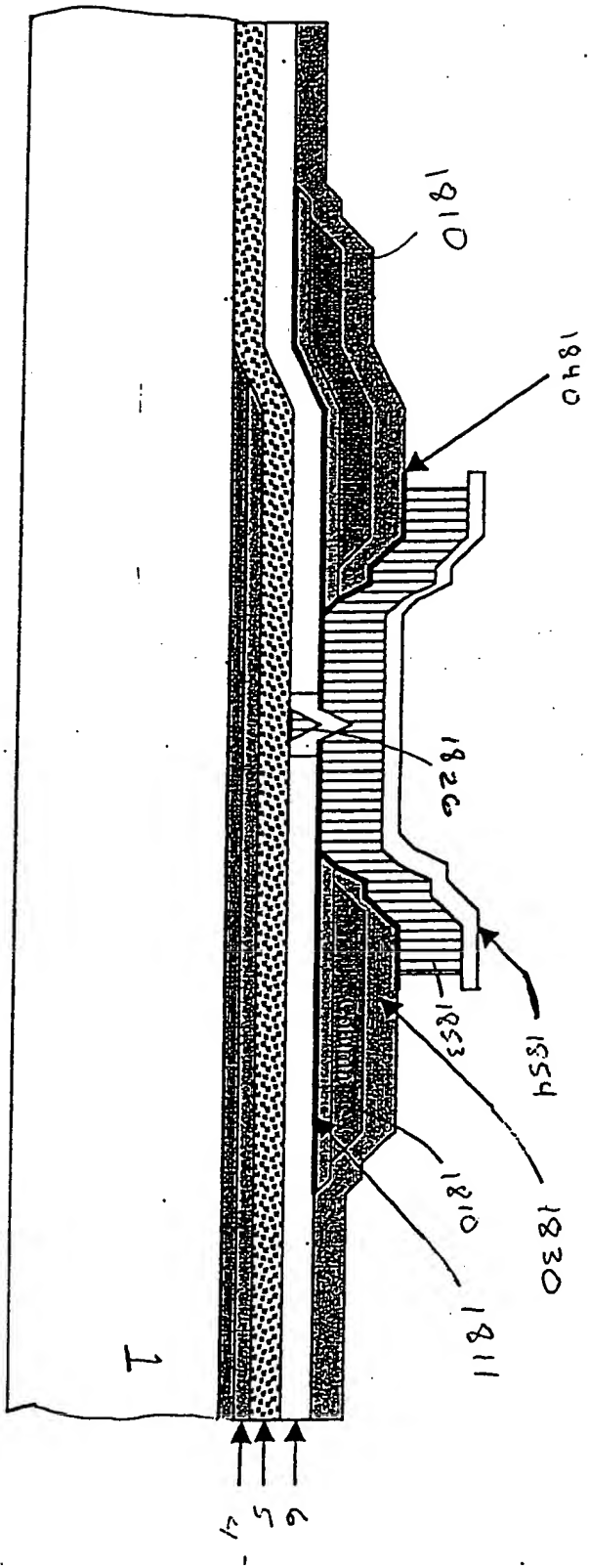


FIG. 20G

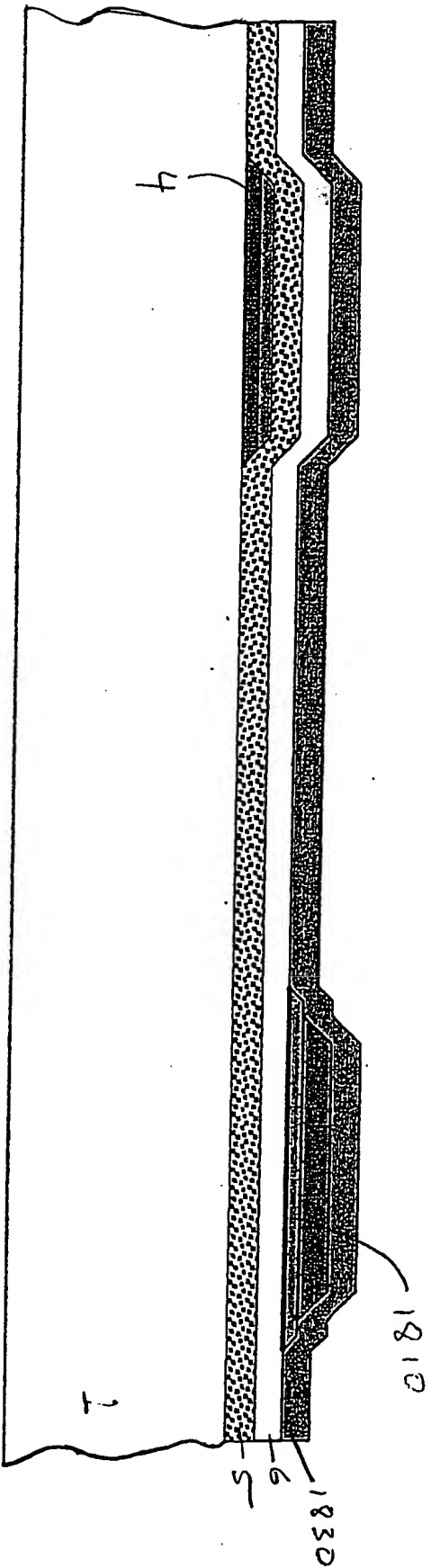
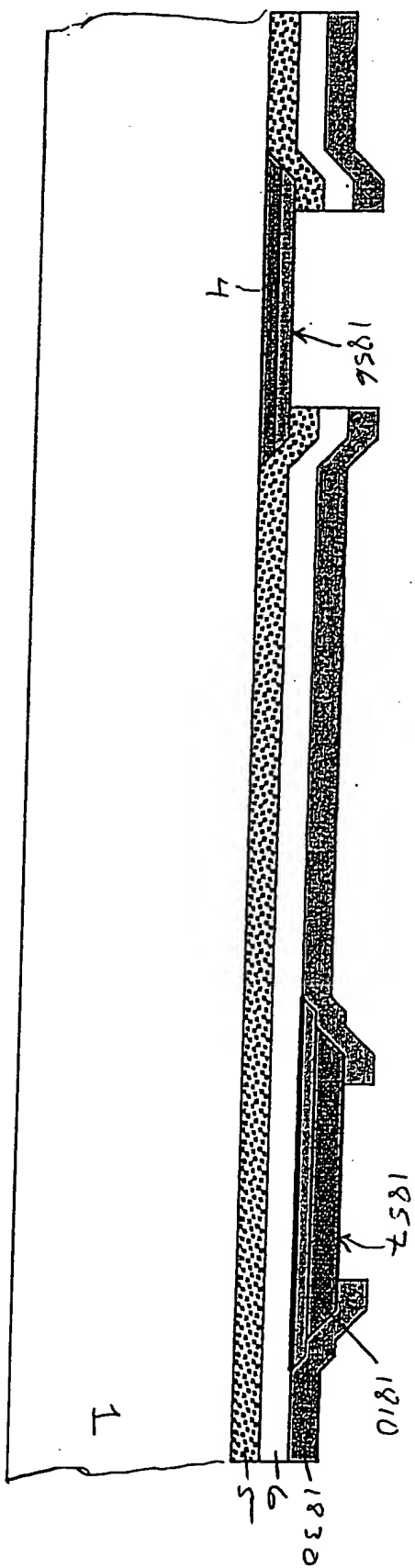
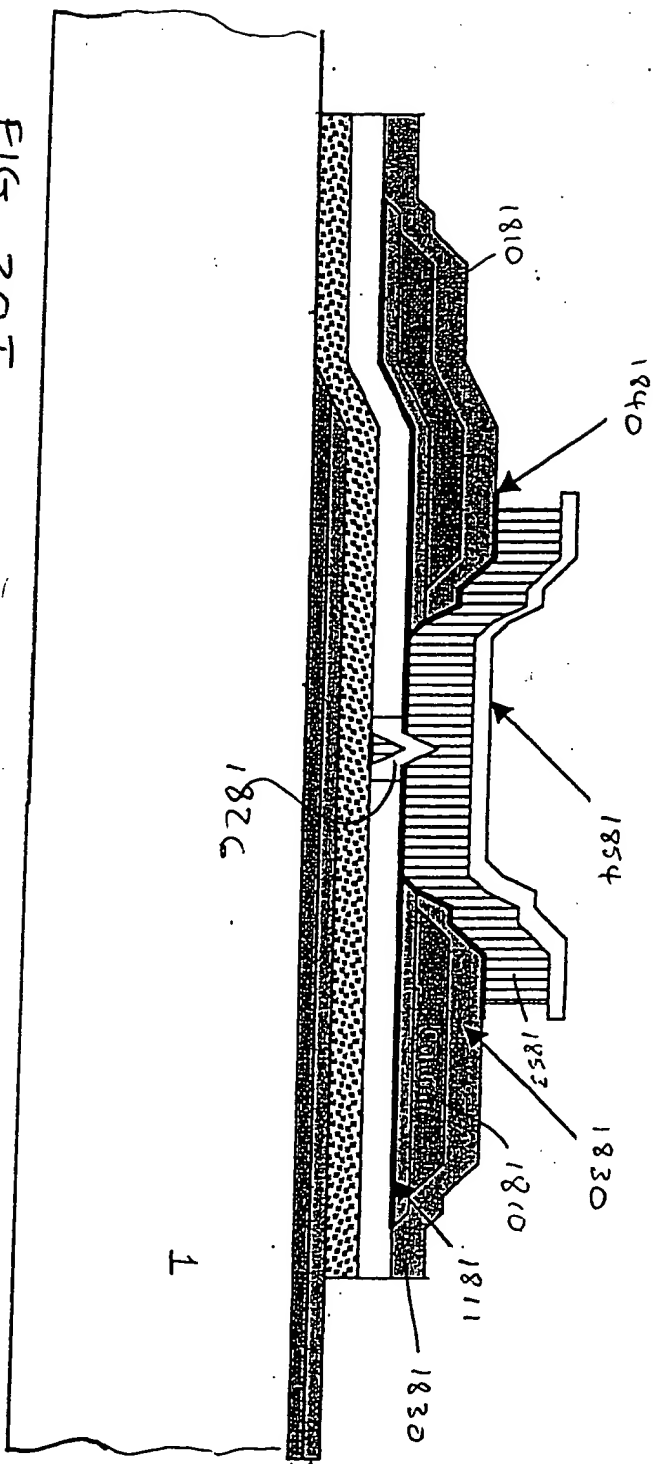


FIG. 20H



8-15-205

FIG. 20K

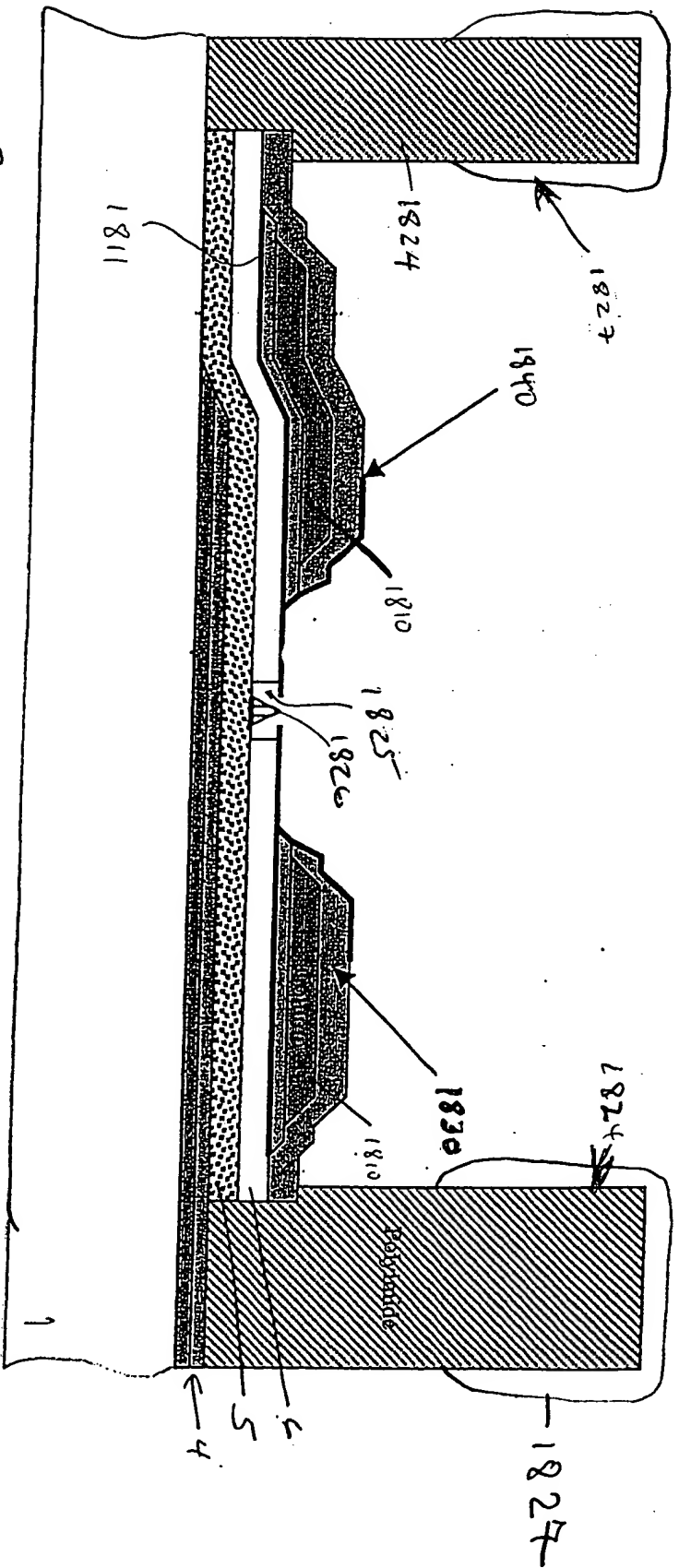
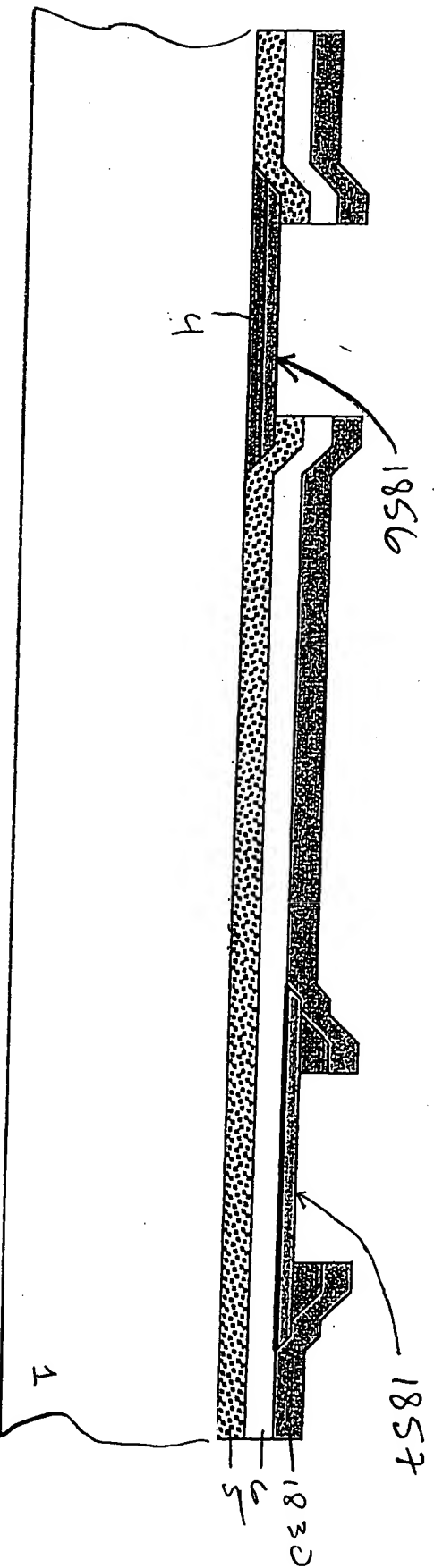


FIG. 20L



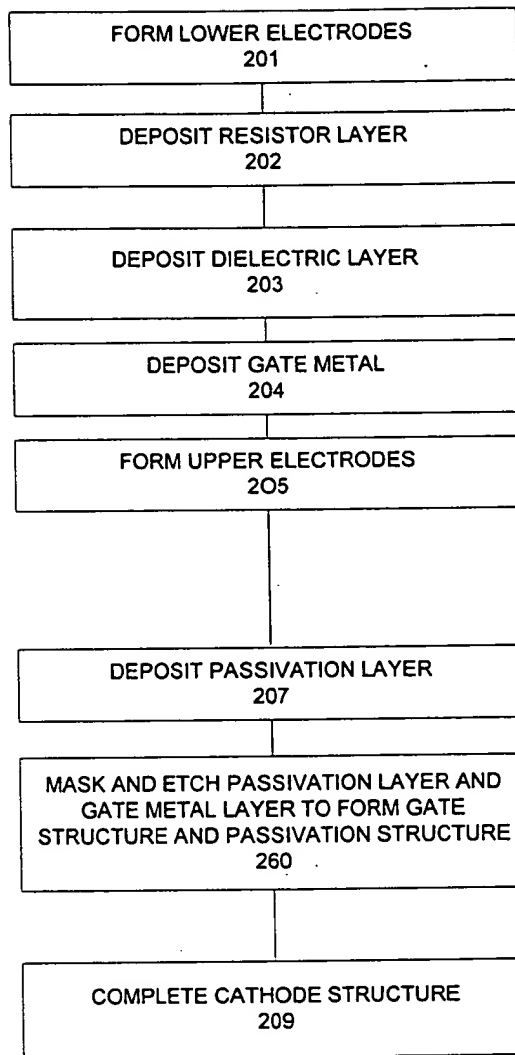


FIG. 21

FIG. 224

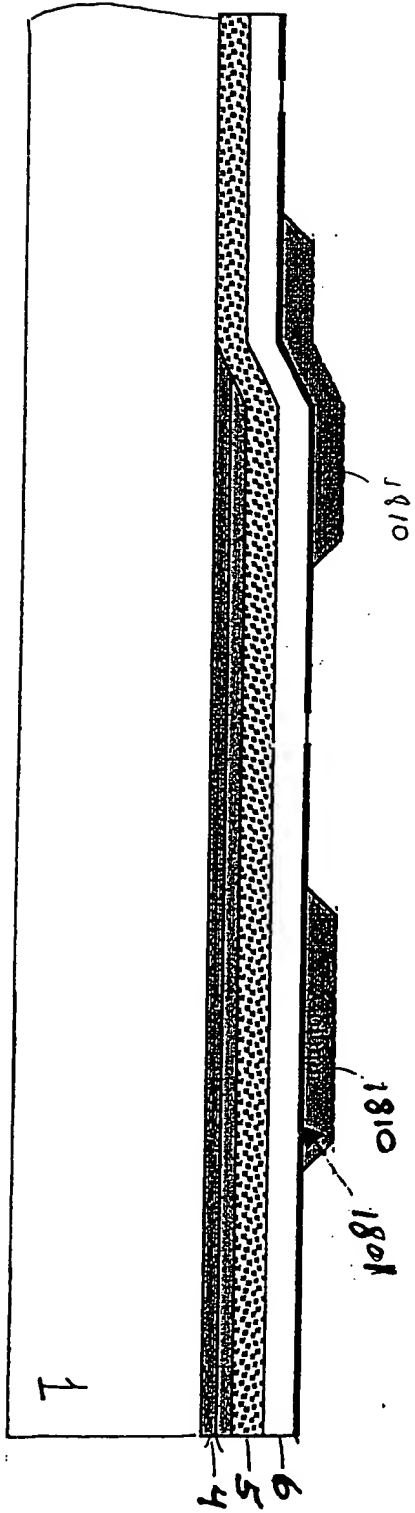


FIG. 228

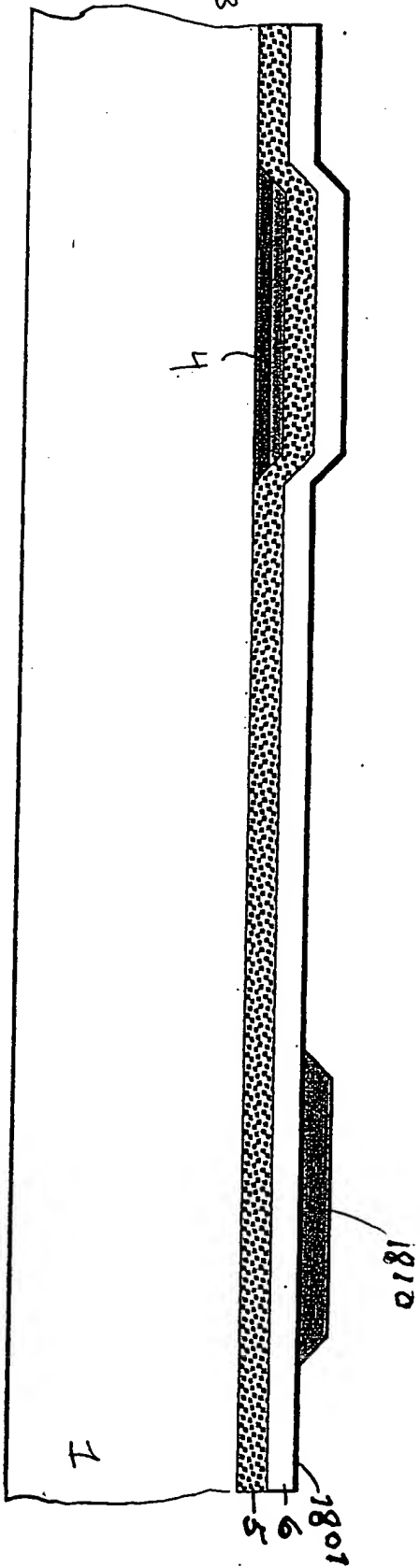


FIG. 22C

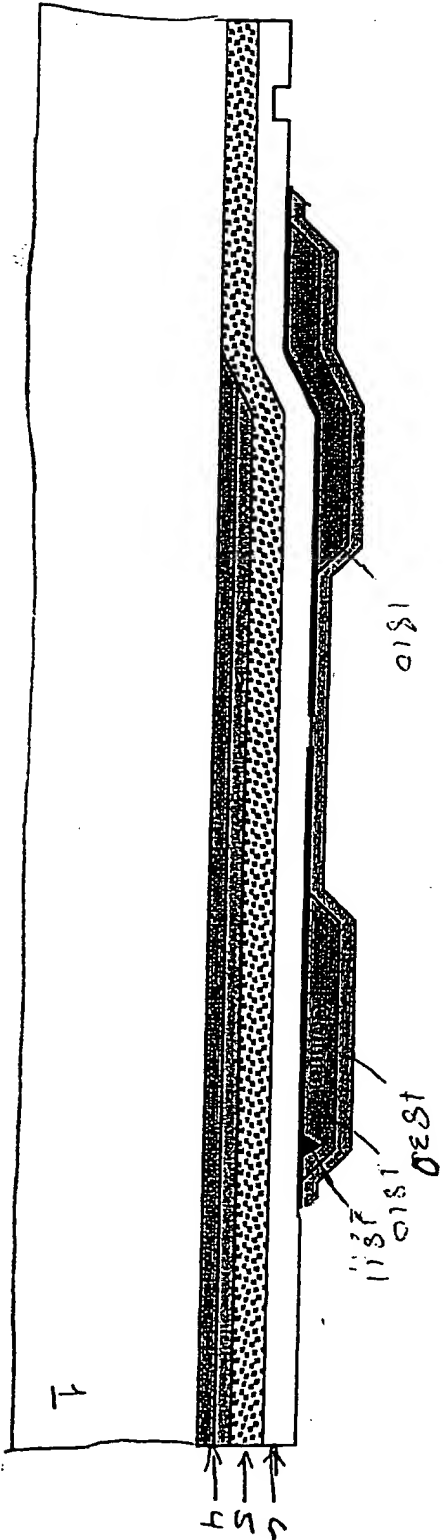


FIG. 22D

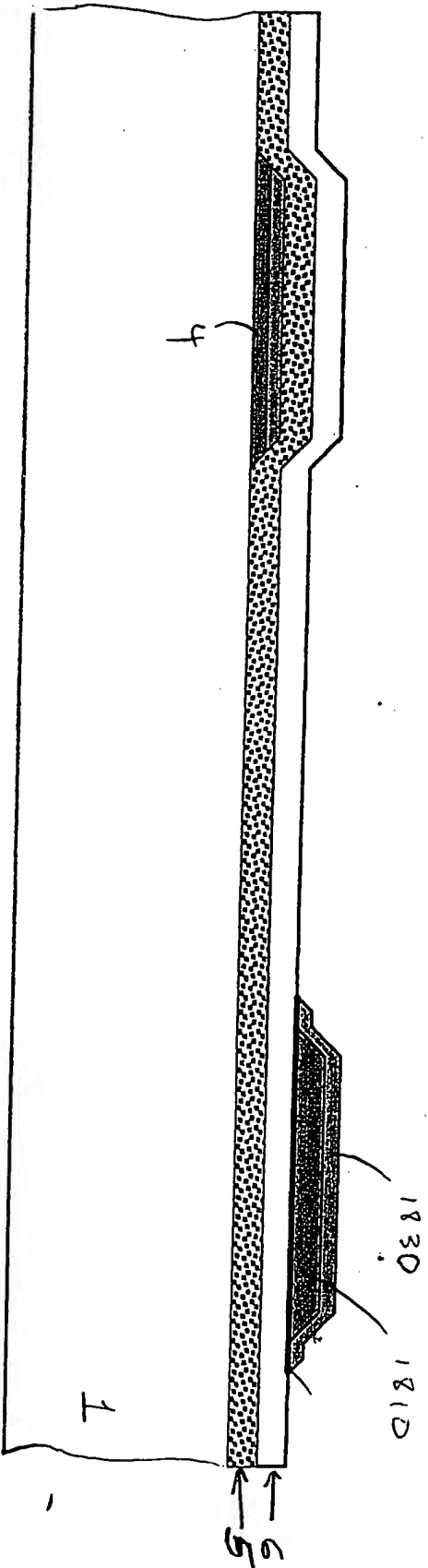


FIG 22E

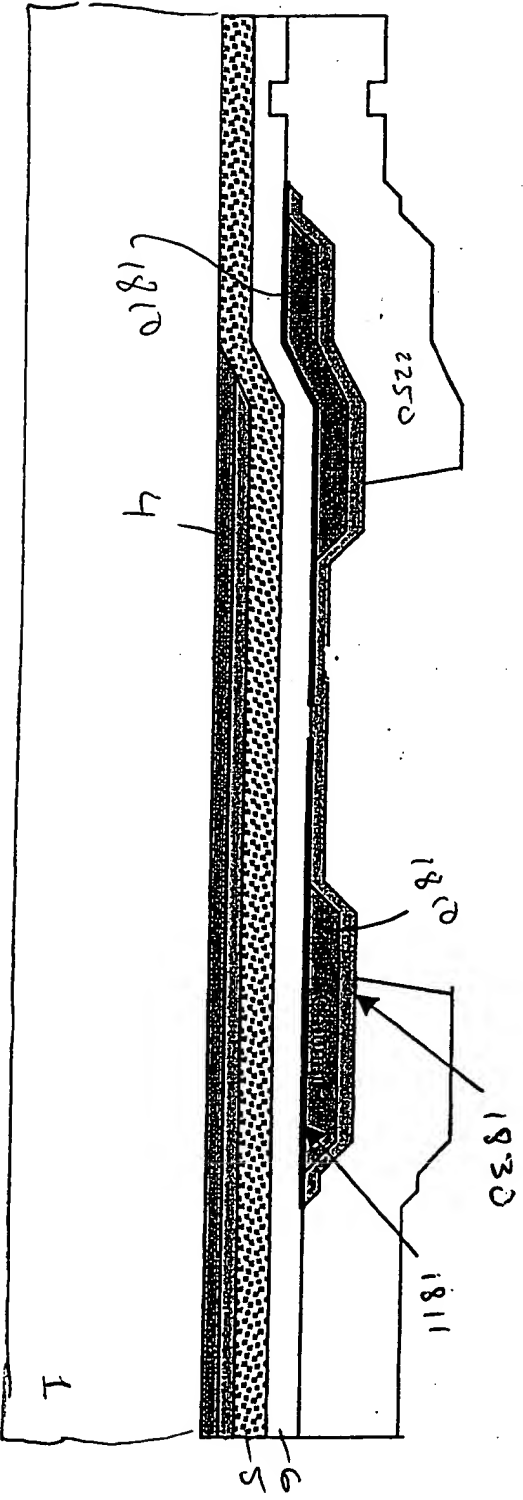


FIG 22F

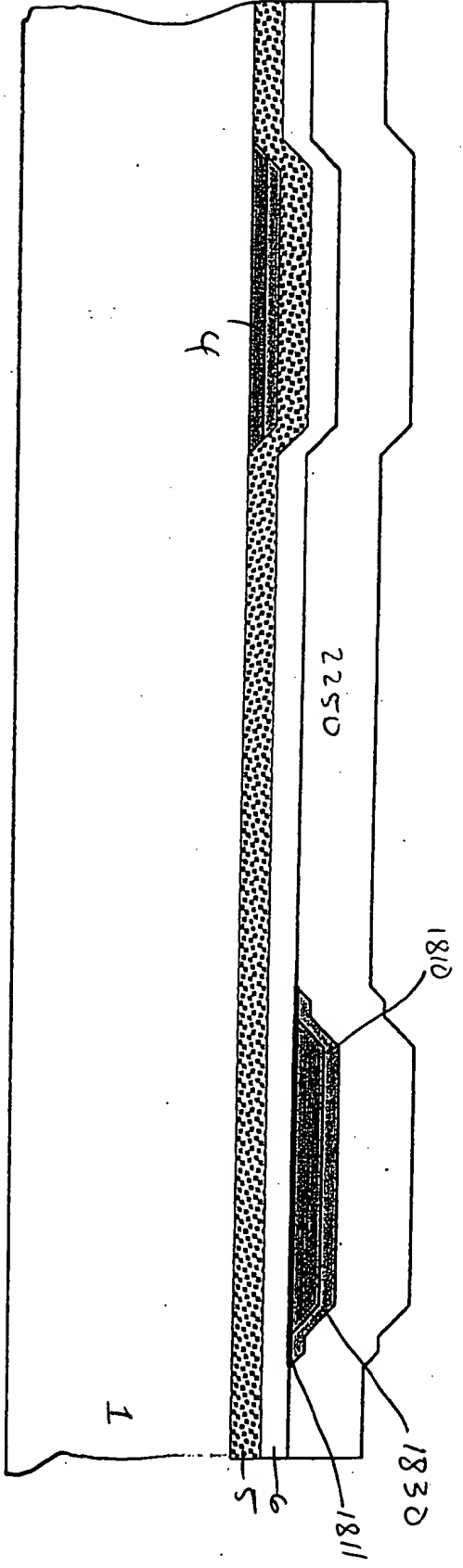


FIG 226

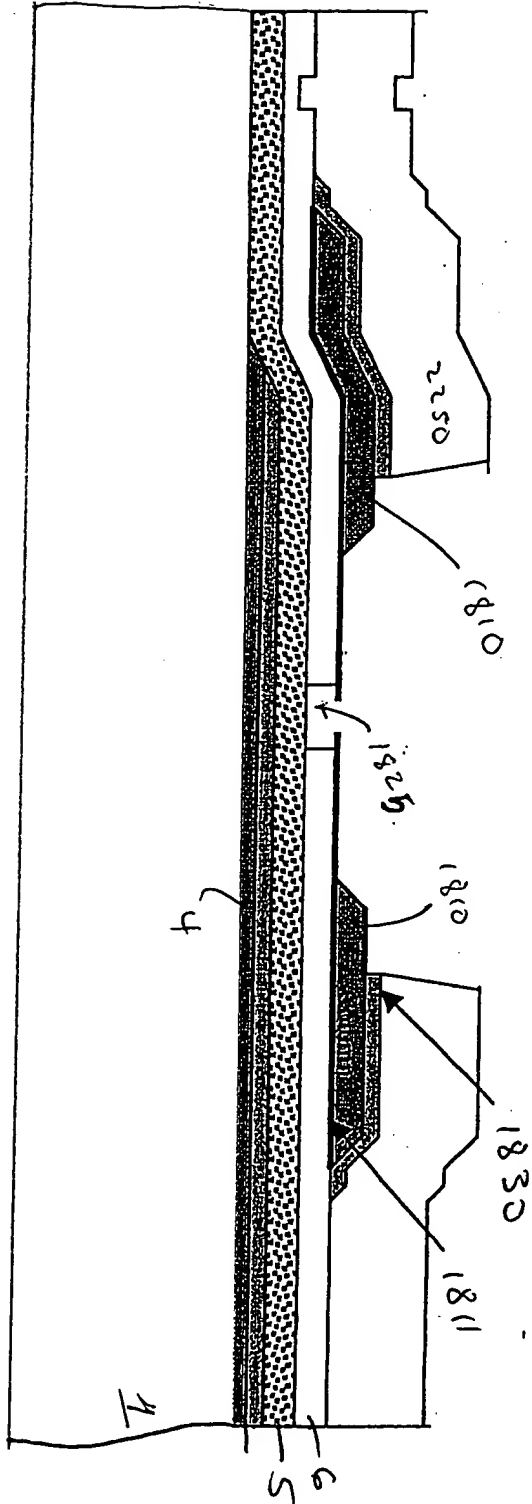


FIG 224

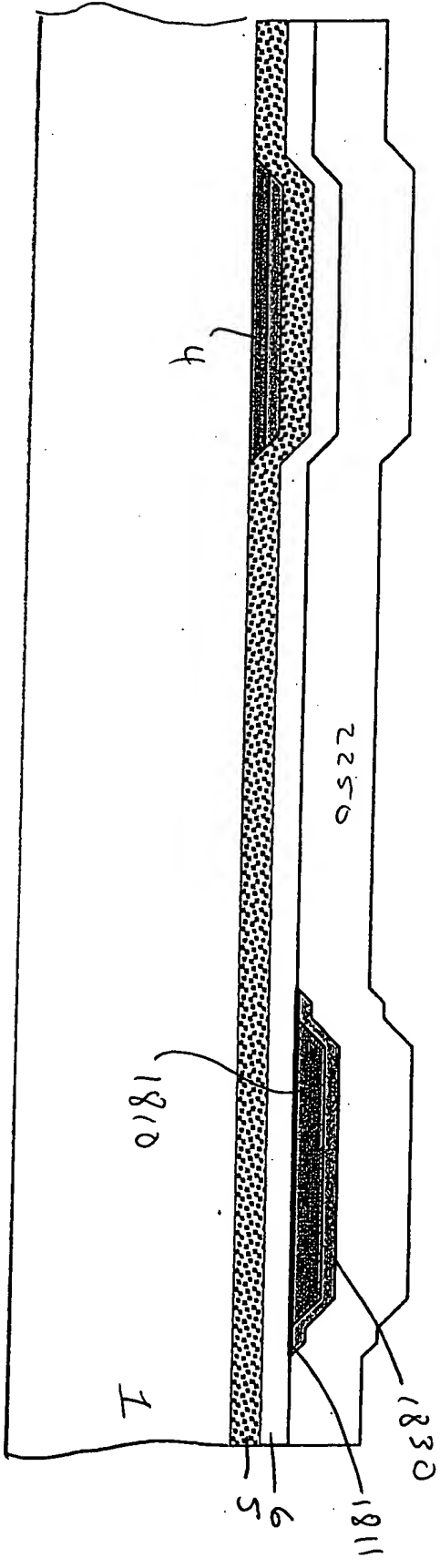


FIG 224



FIG. 22I

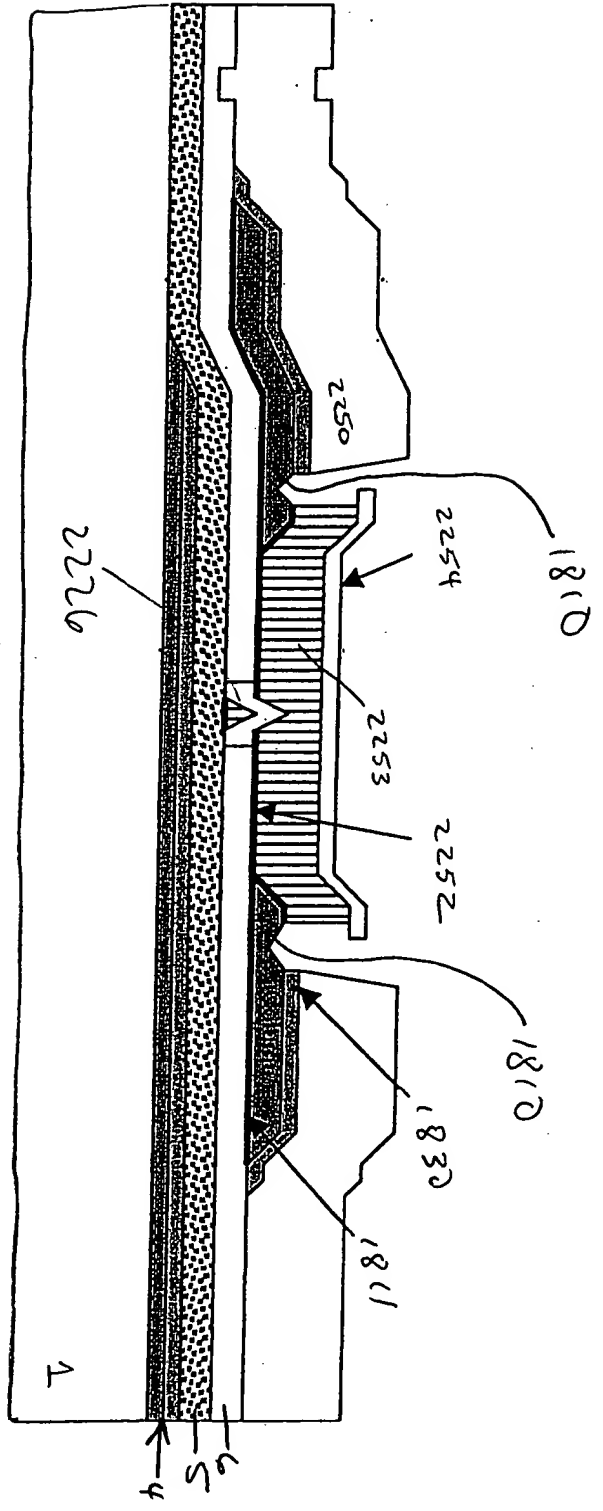


FIG. 22J

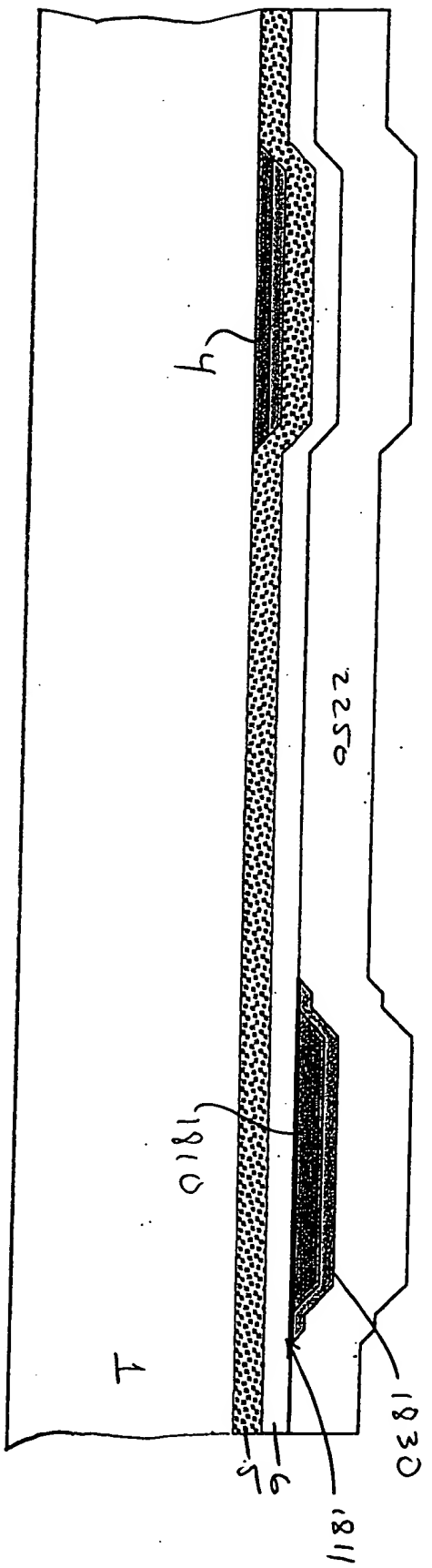
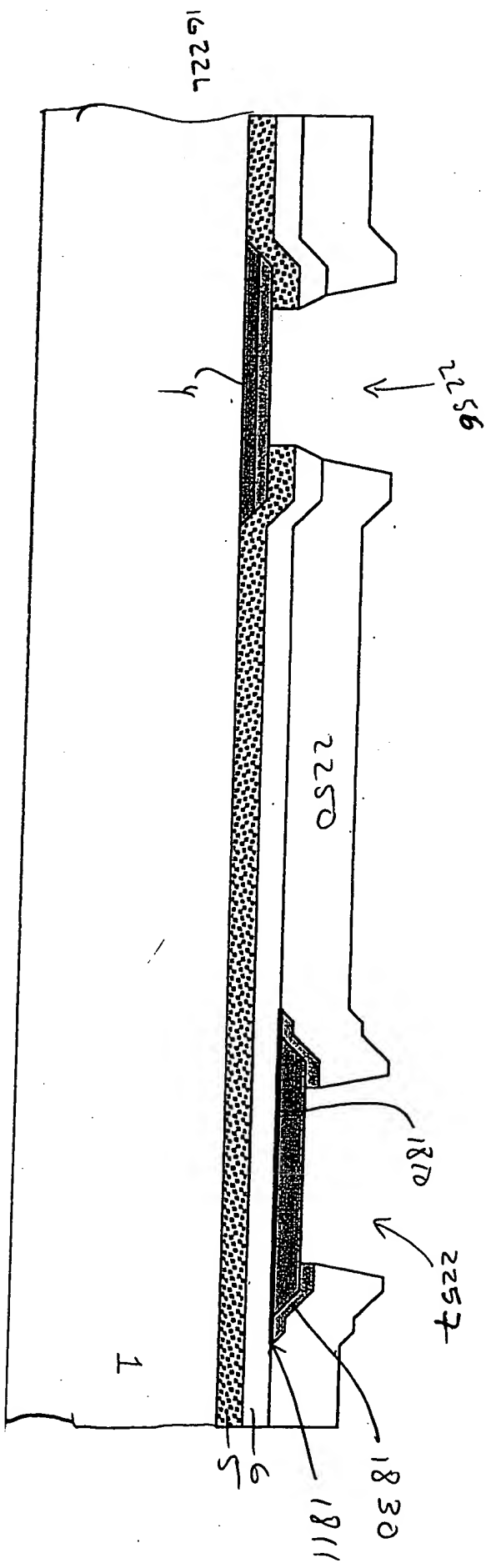
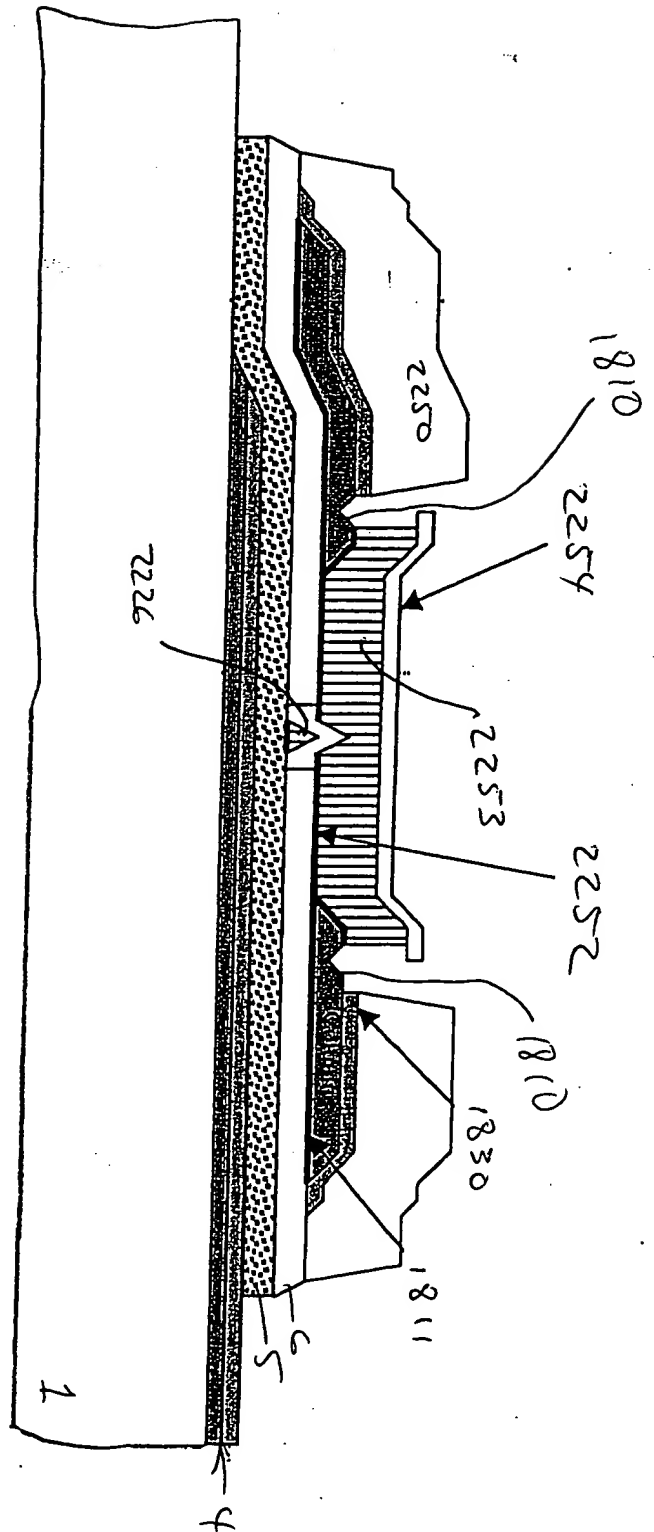
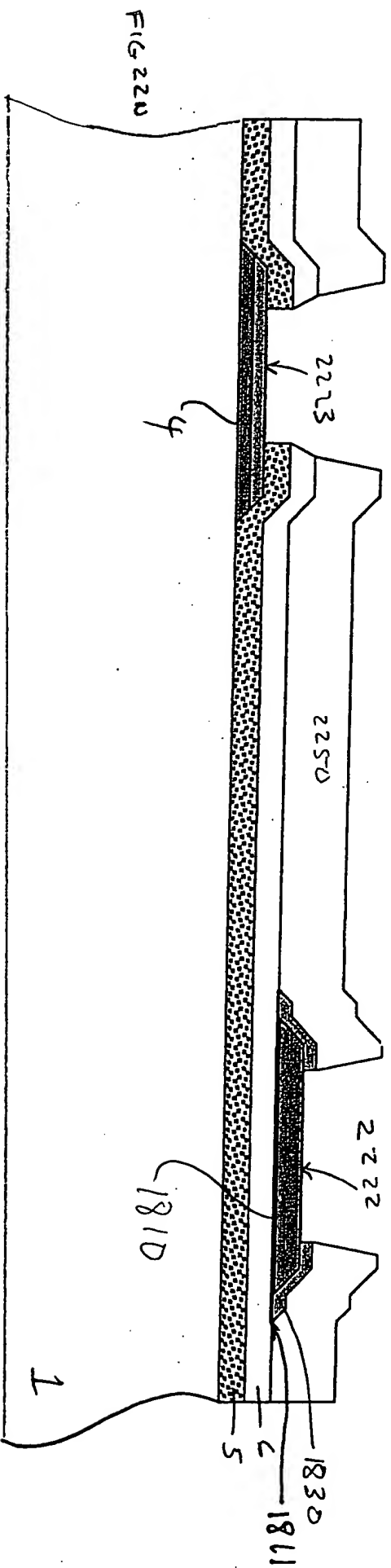
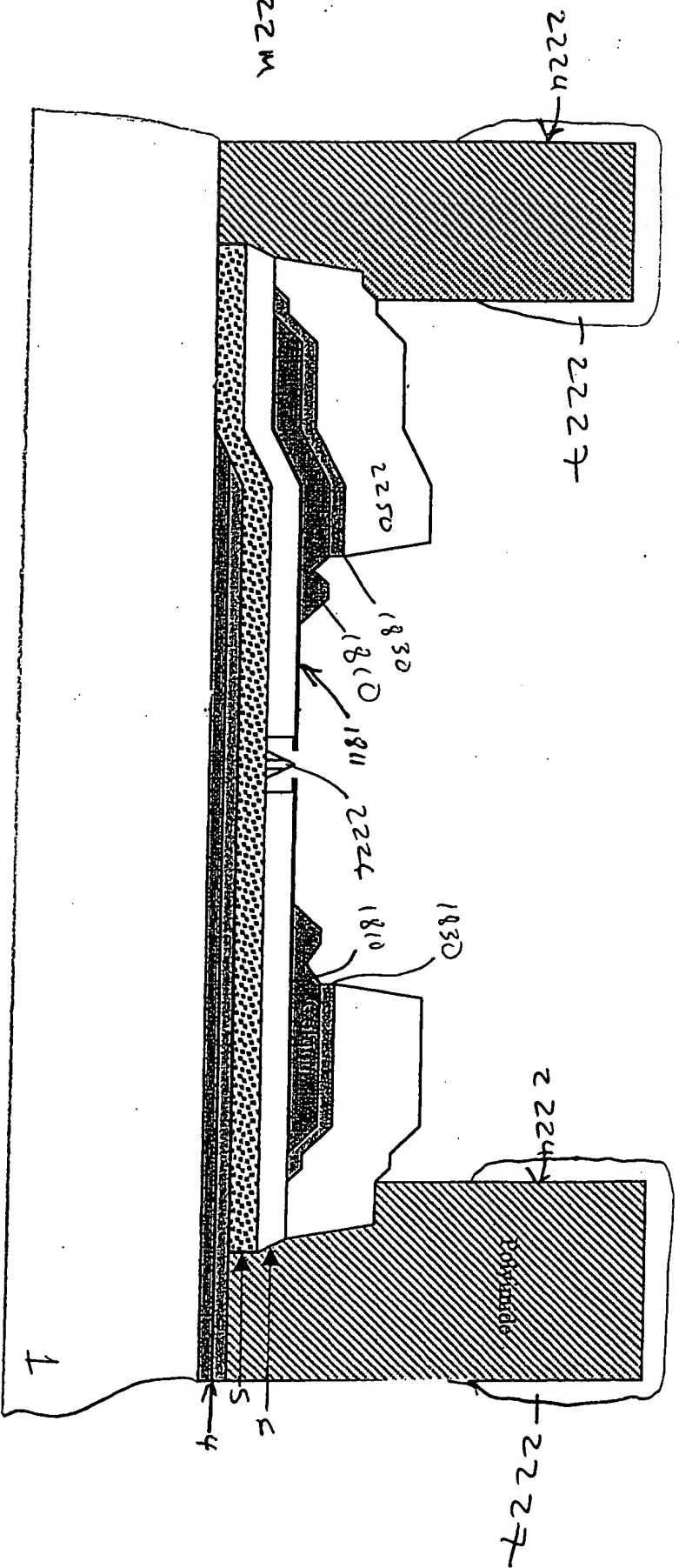


FIG. 22I and FIG. 22J are cross-sectional views of a device assembly. The device assembly includes a substrate 1, a central layer 2226, a layer 2250, a layer 1810, a structure 1830, and a layer 1811. Arrows 4 and 5 point to the substrate 1.

FIG. 22K





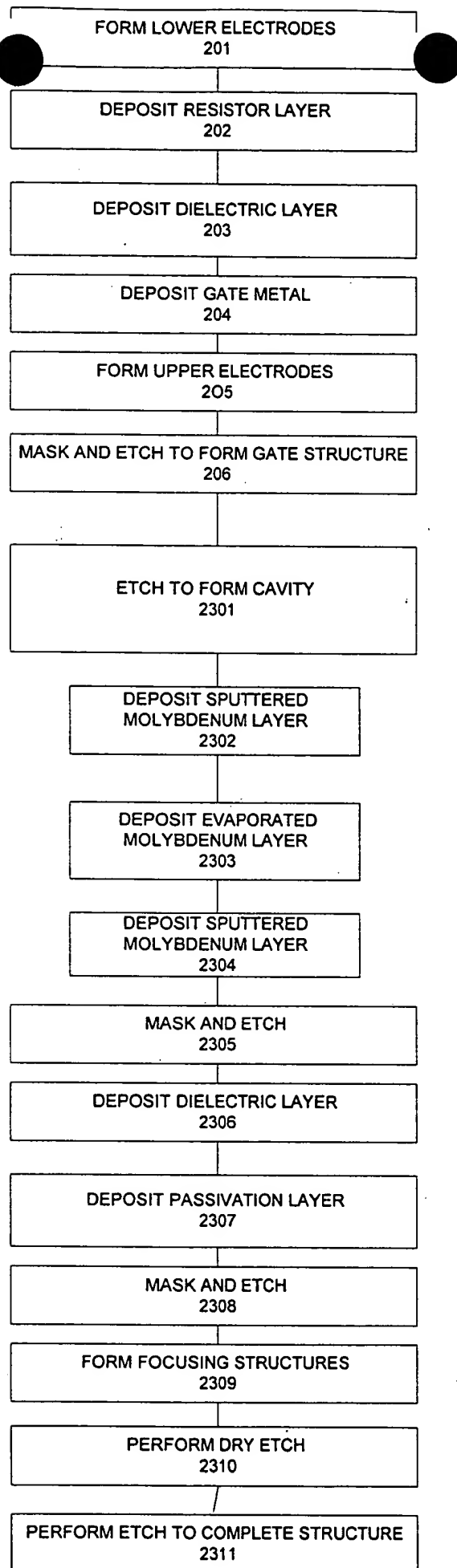


FIG. 23

FIG 24A

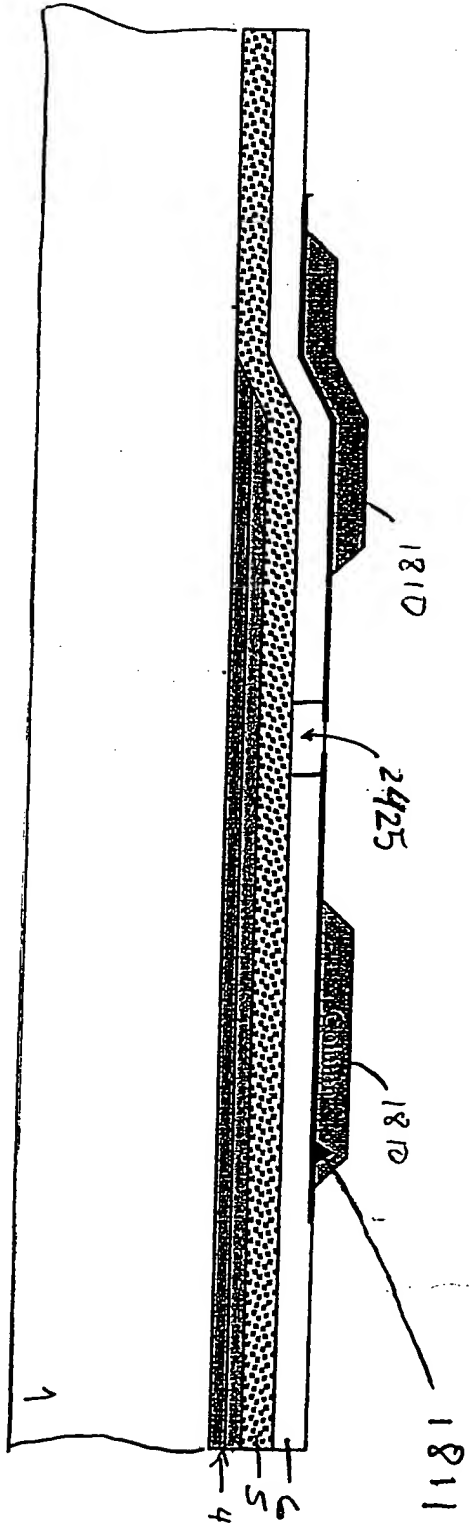


FIG. 24B

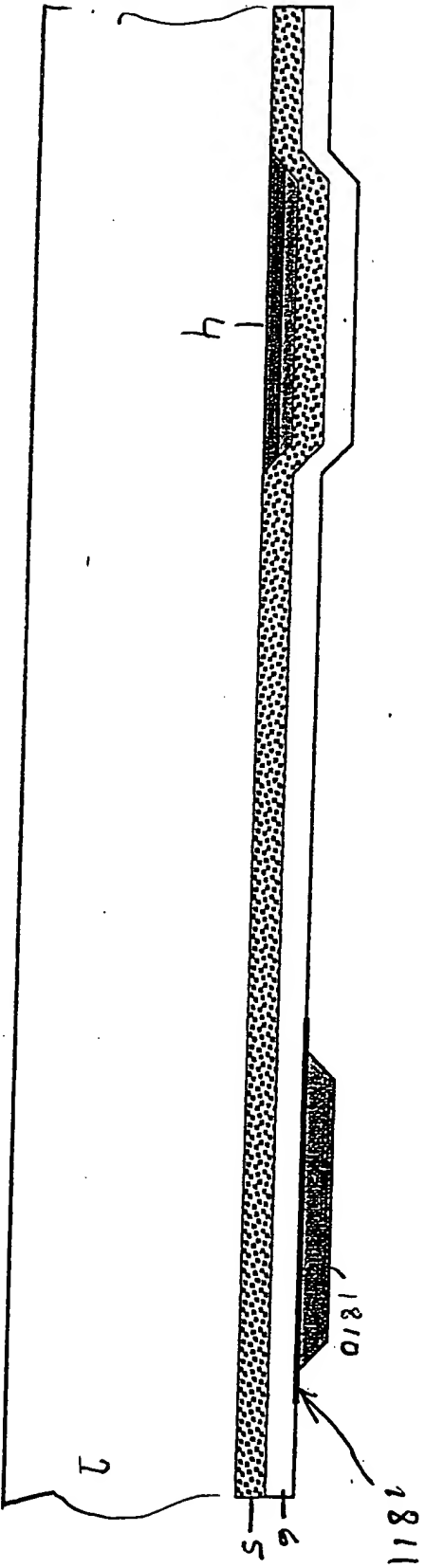


FIG 24C

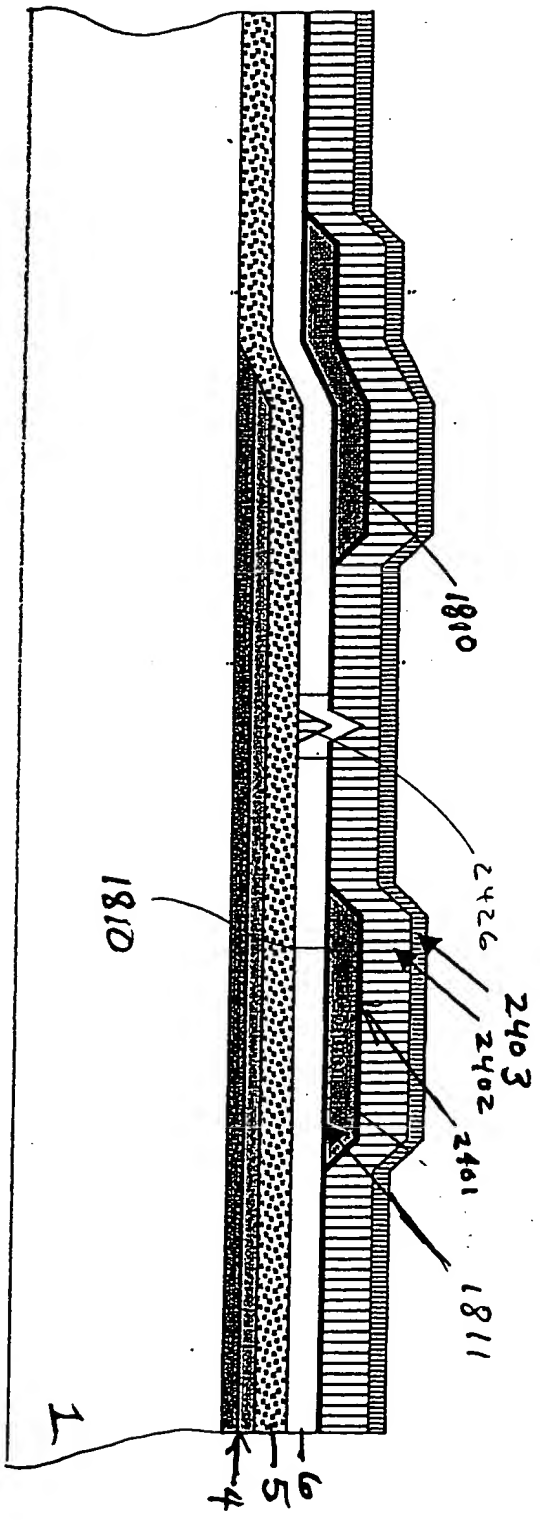


FIG 24D

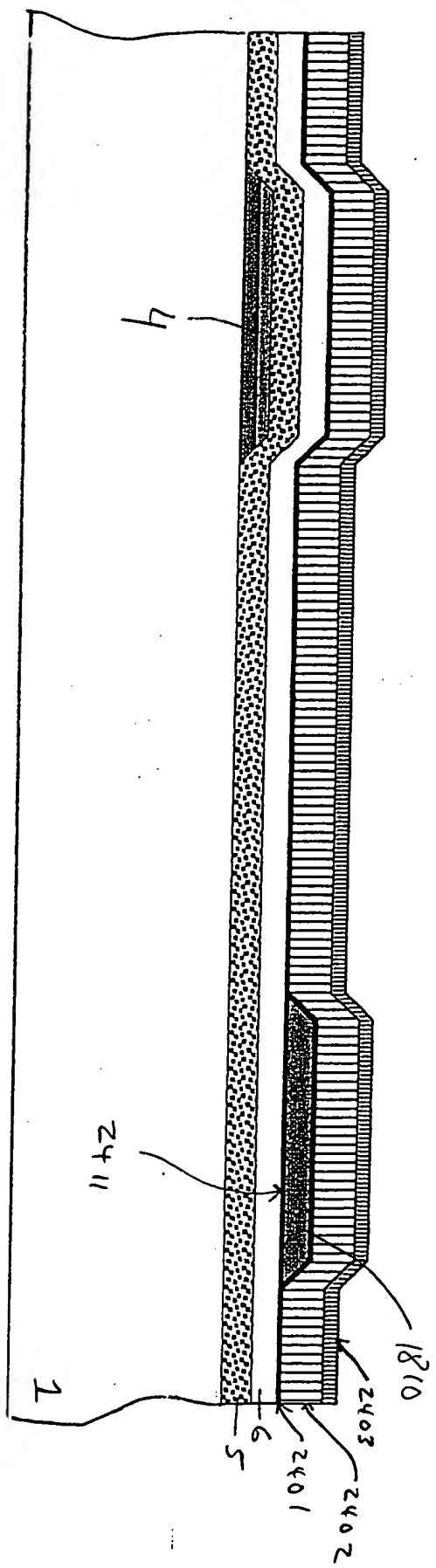


FIG 24E

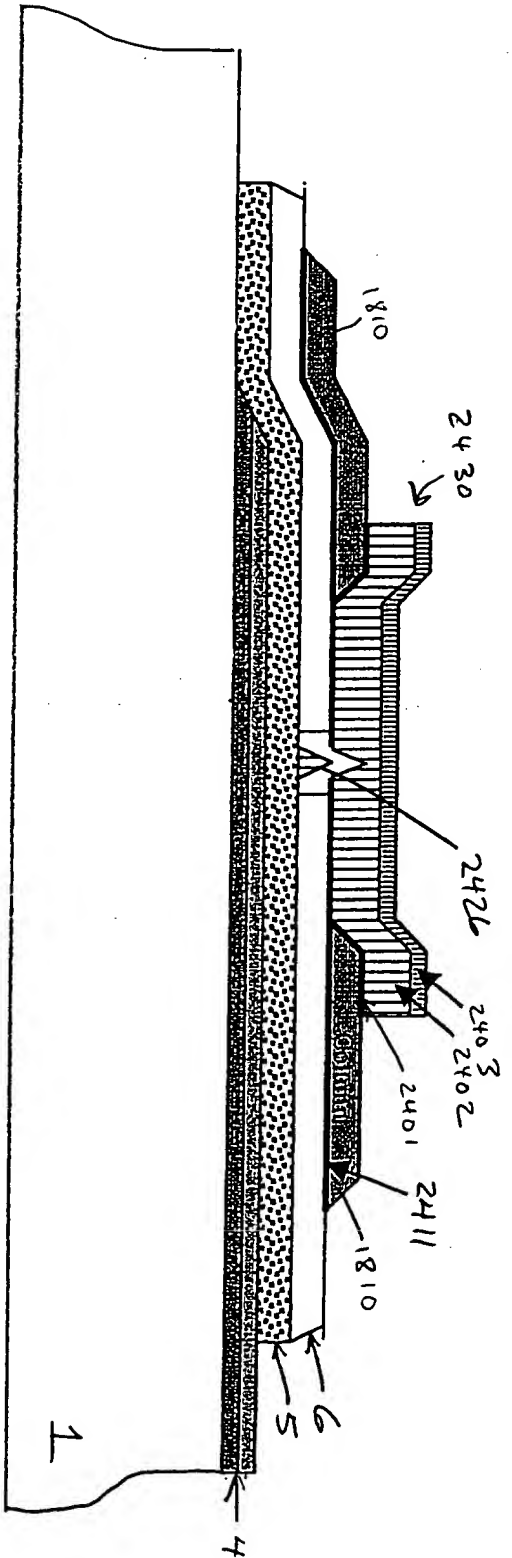
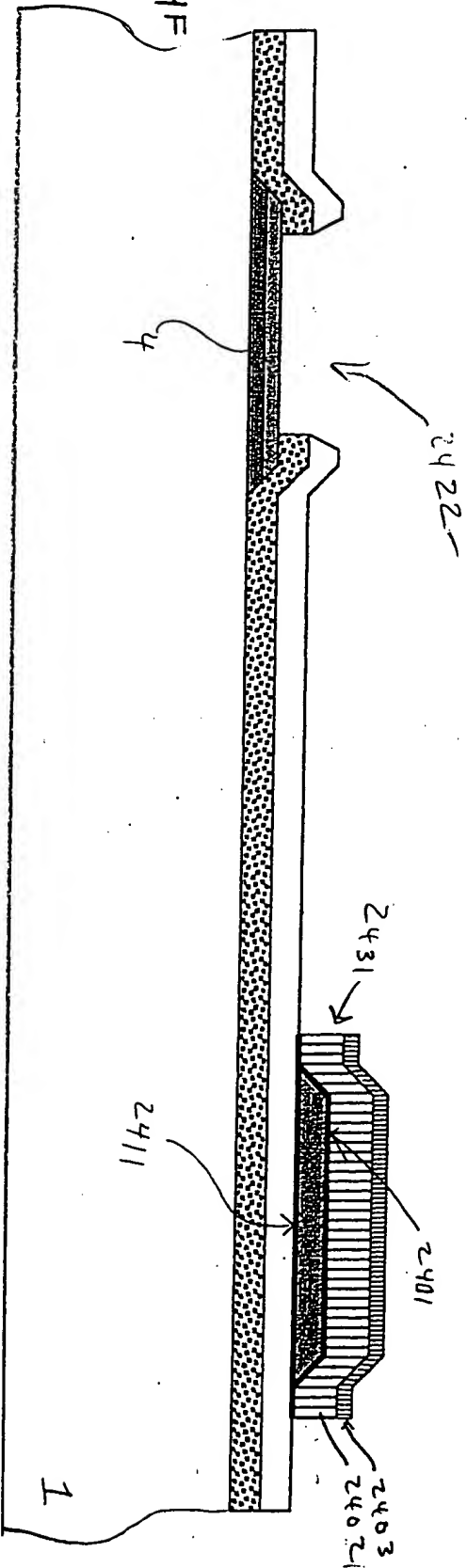


FIG 24F



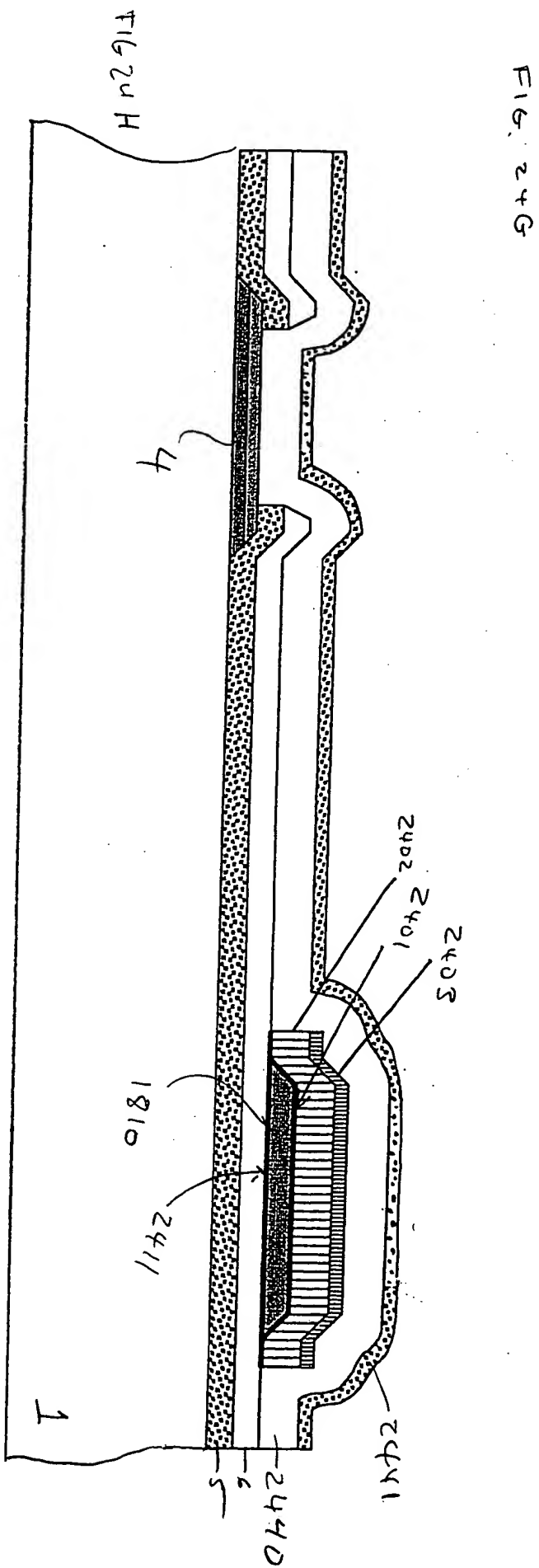
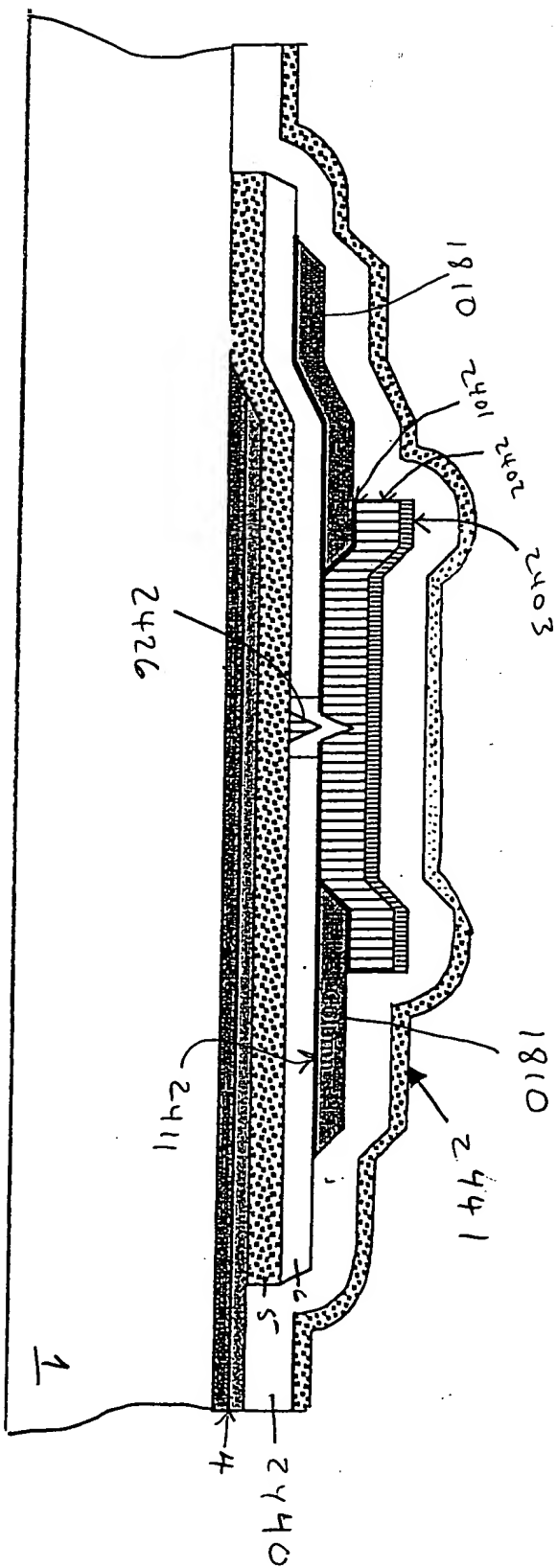




FIG. 24 I

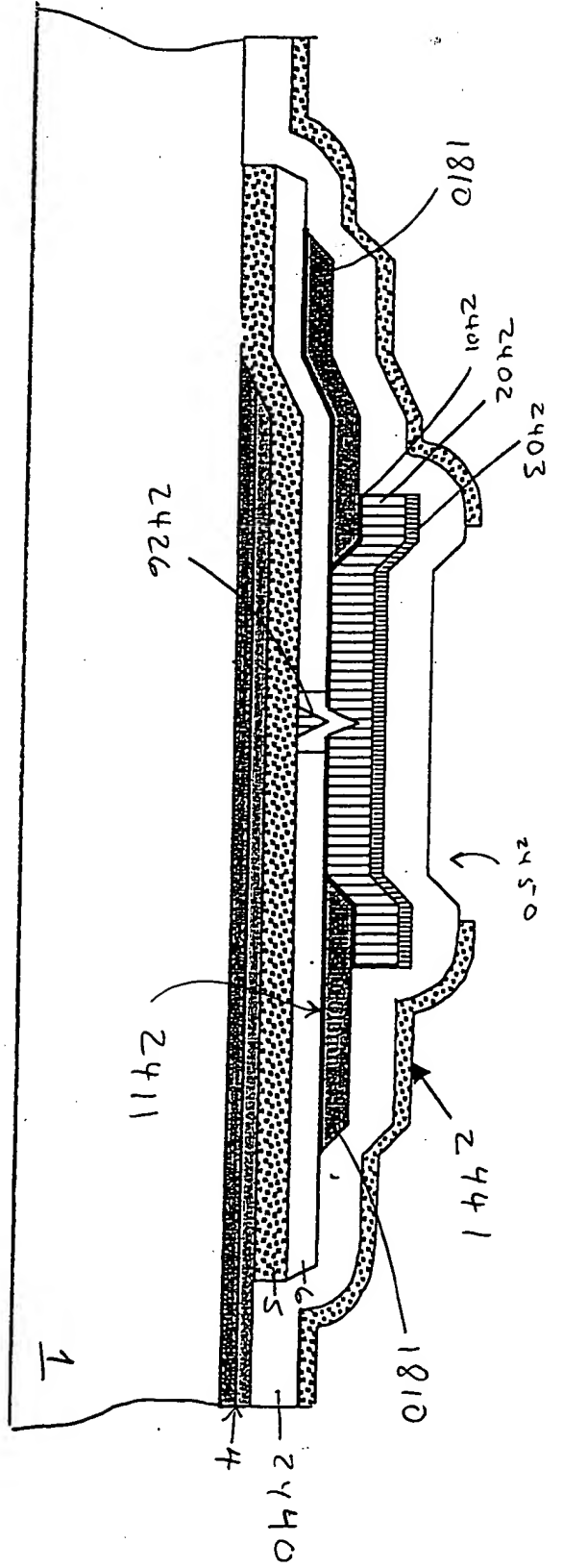


FIG. 24 J

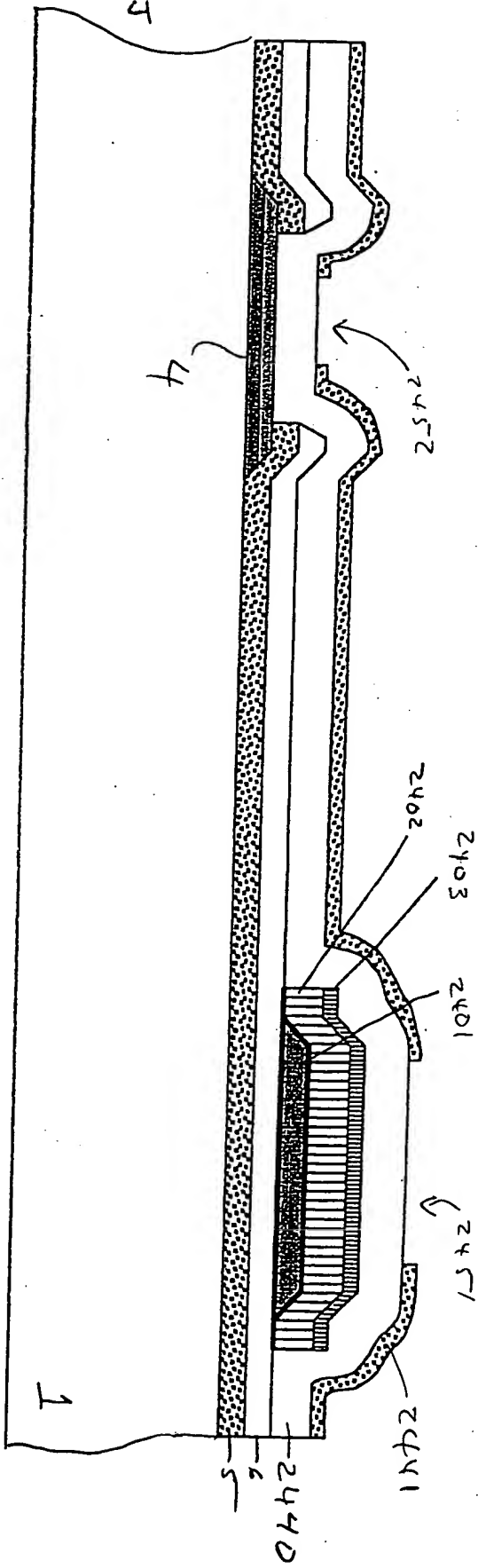


FIG 2+K

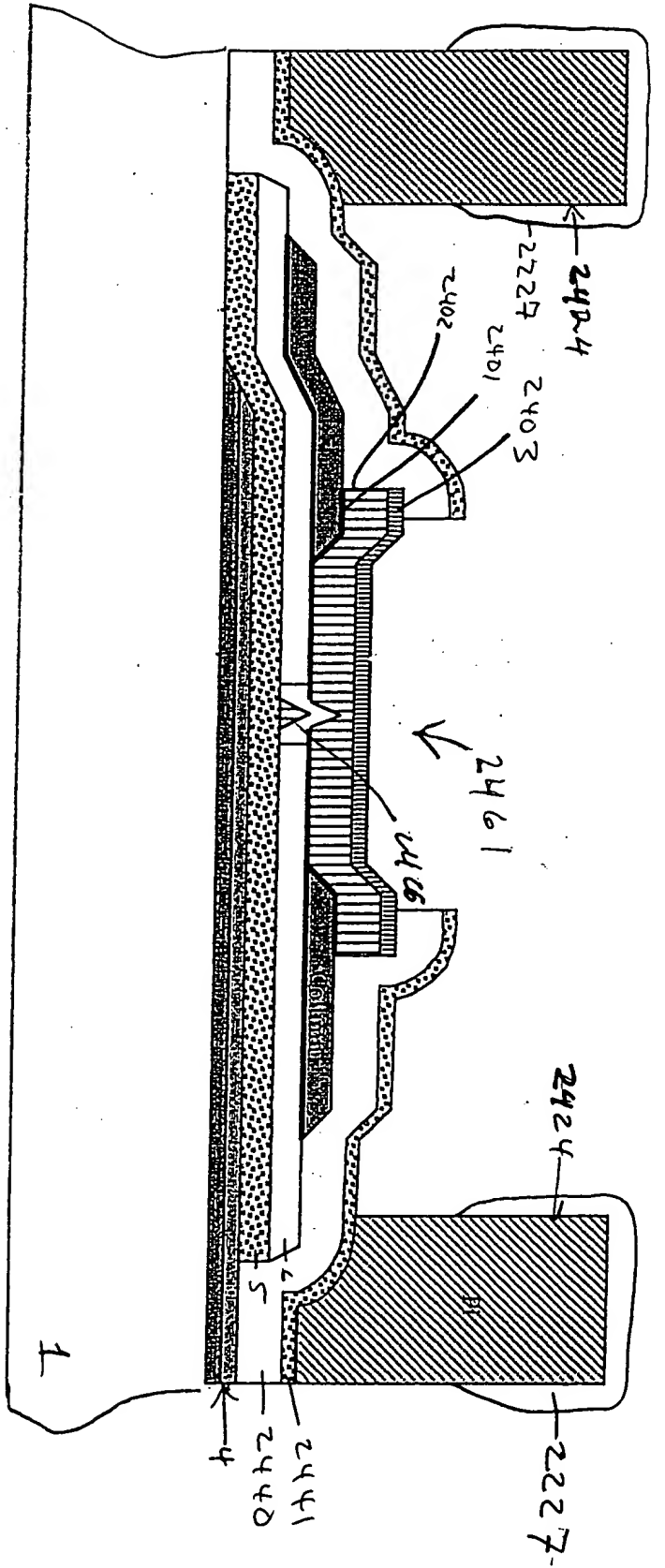
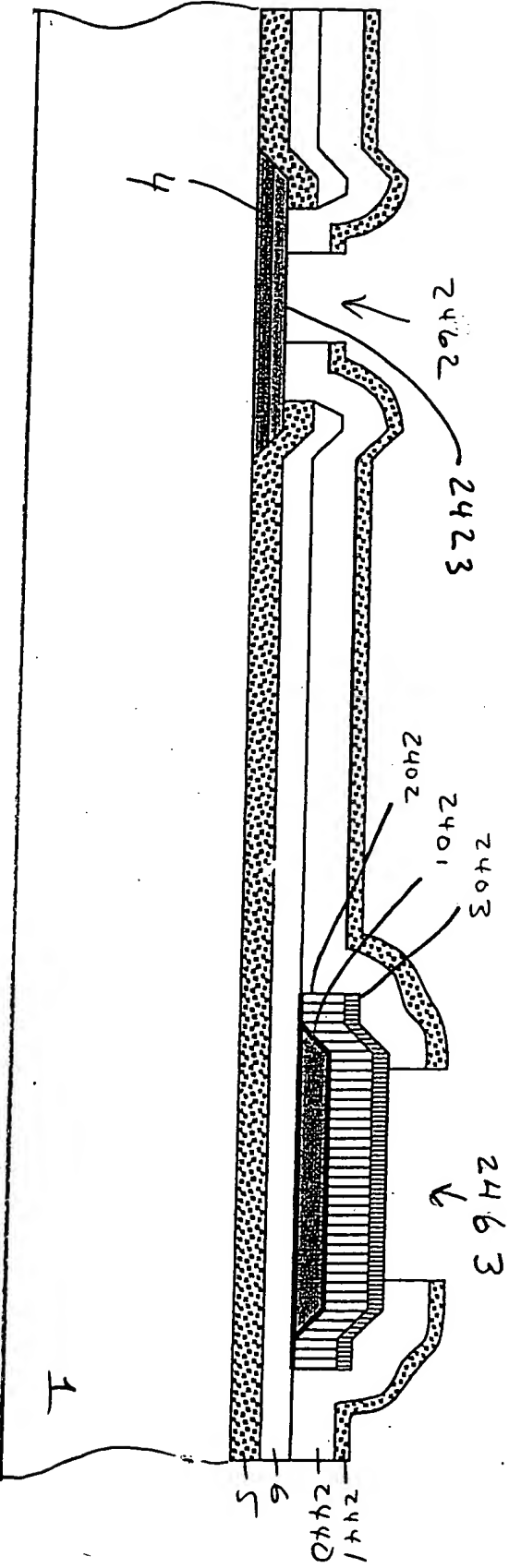


FIG 2+L



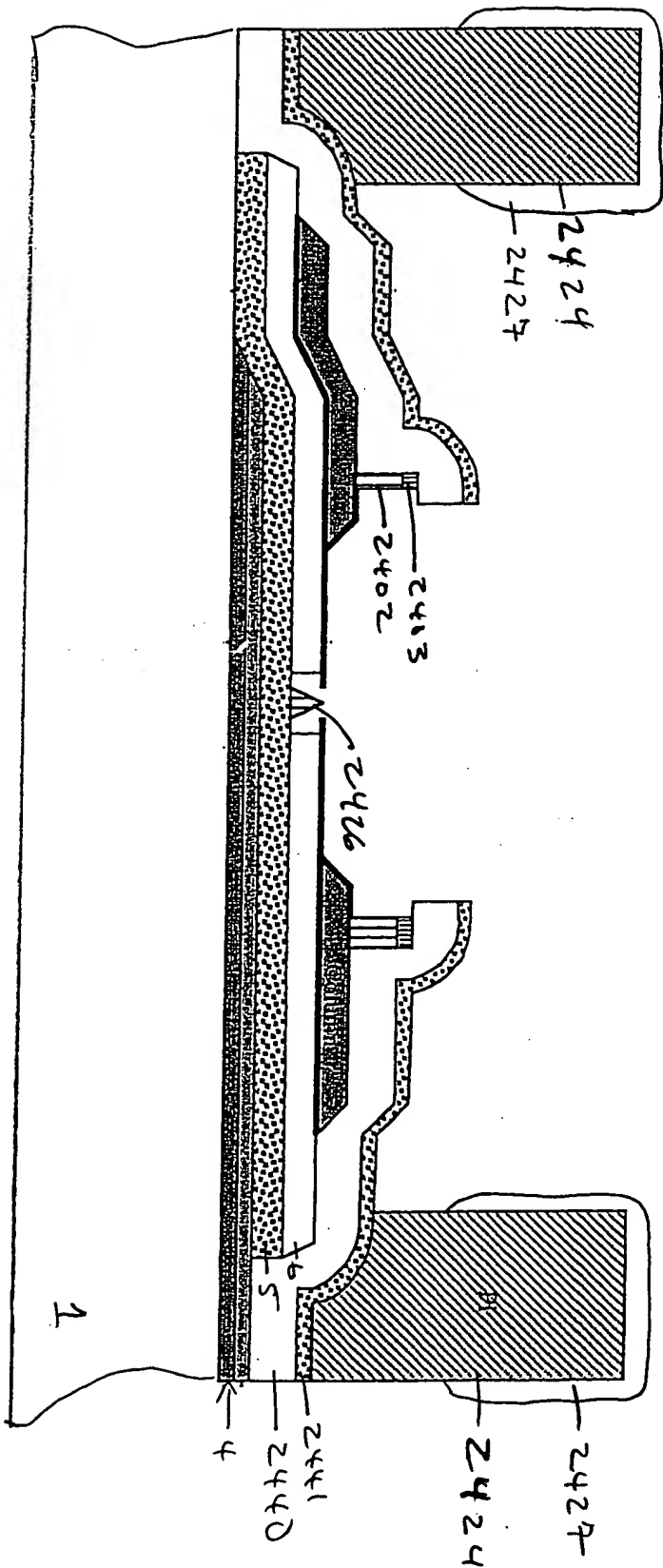


FIG. 24N

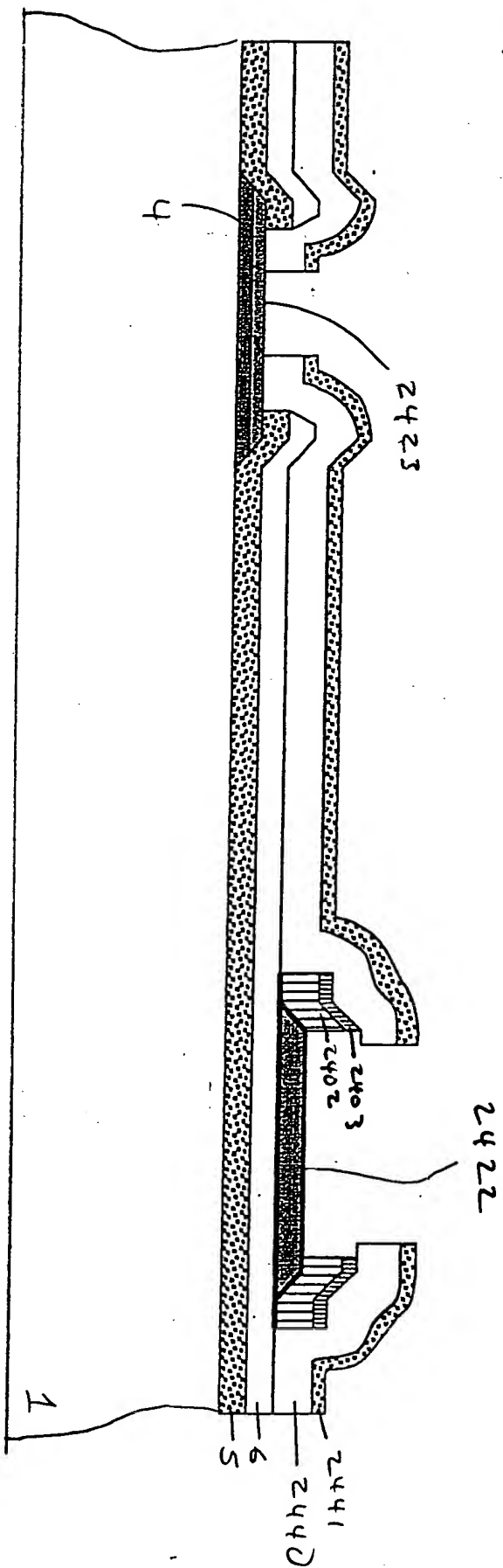


FIG. 24N

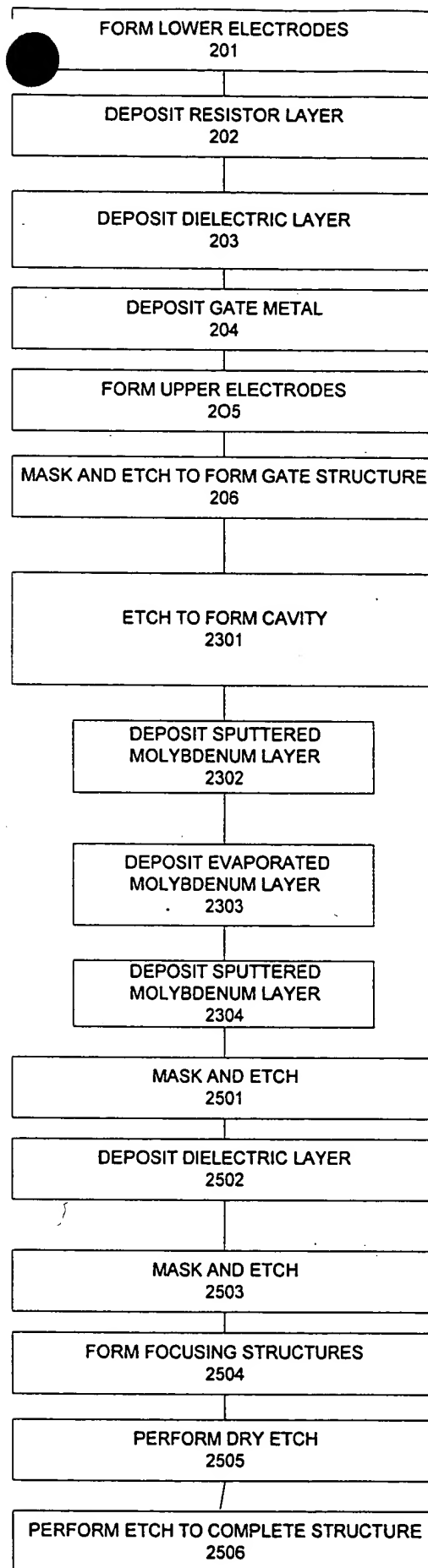


FIG. 25

FIG. 24A

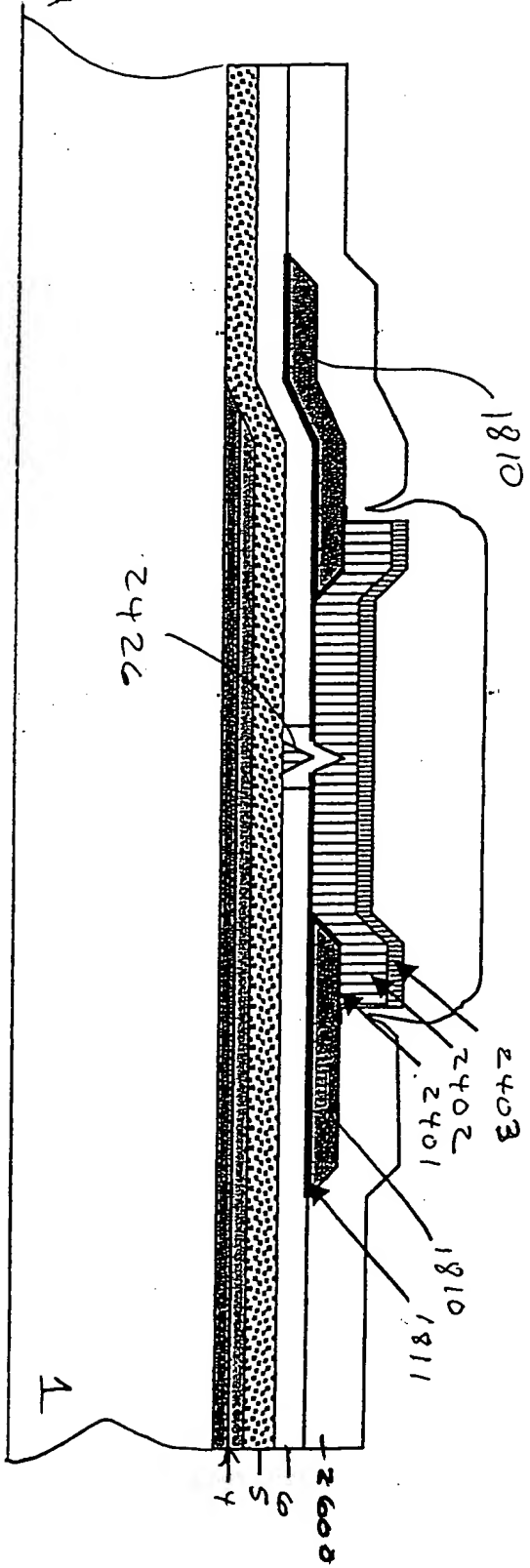


FIG. 24B

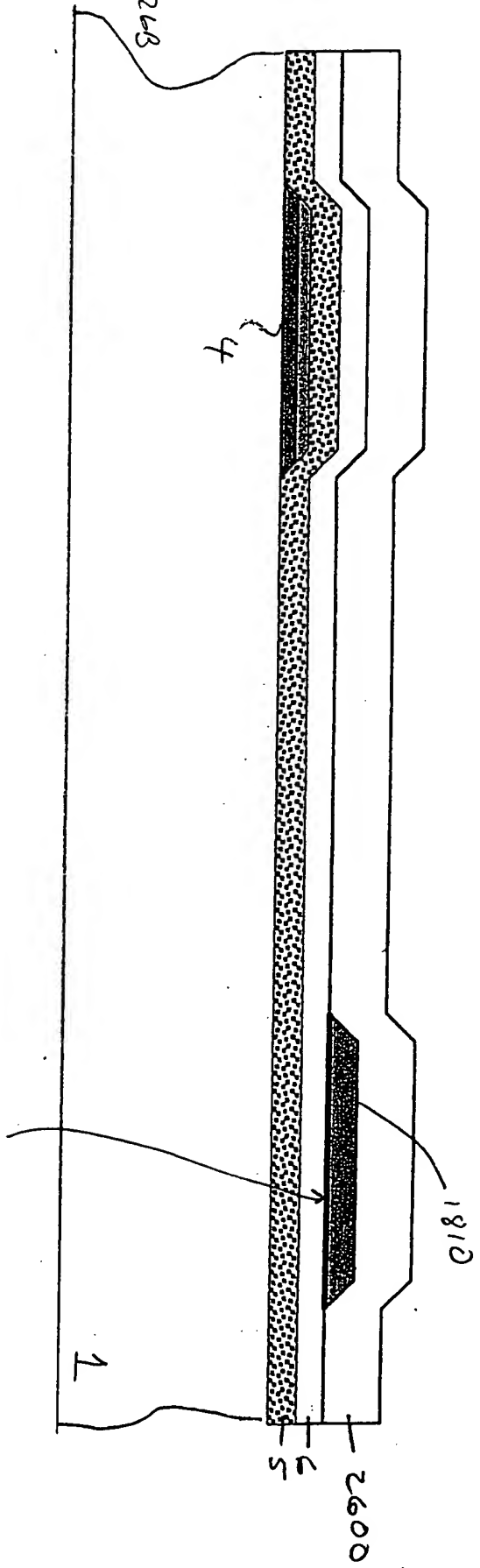


FIG 26C

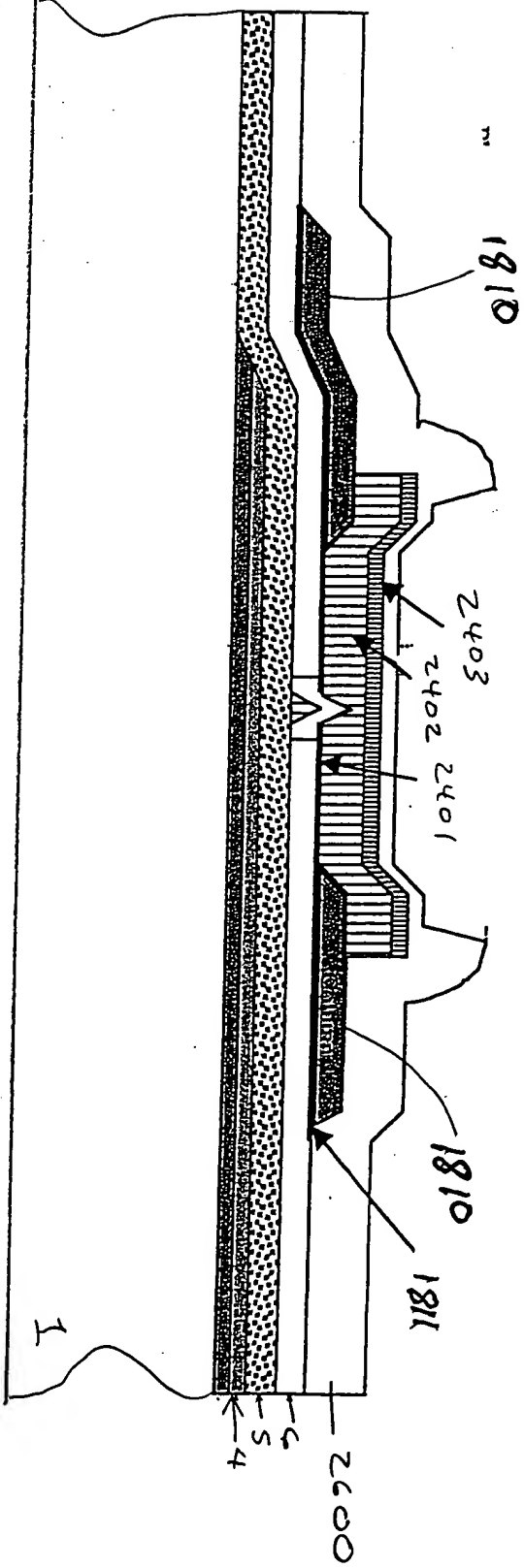
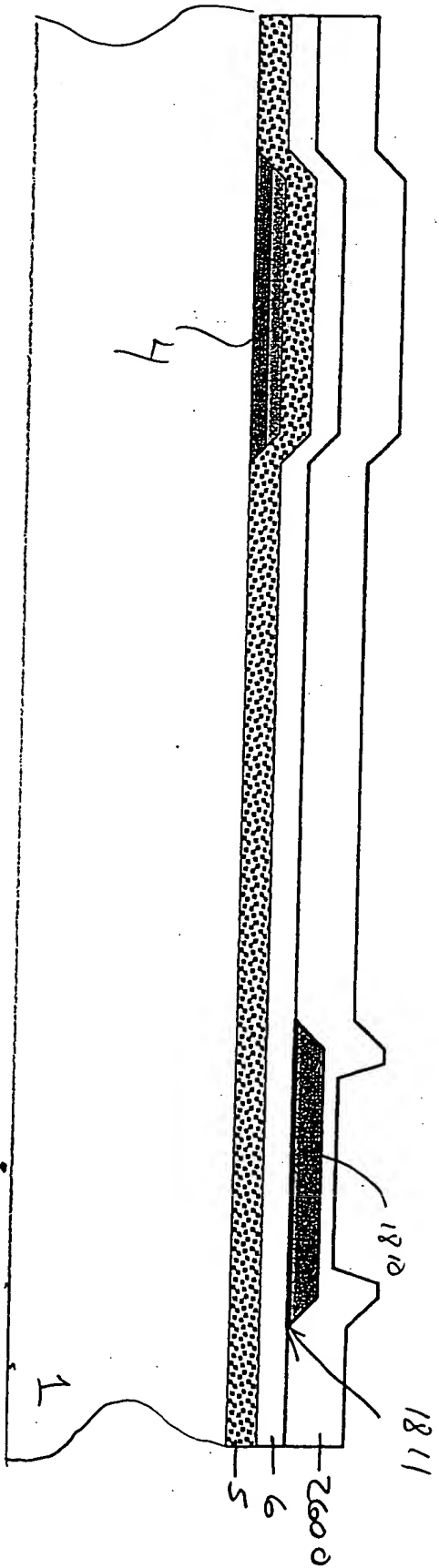


FIG 26D



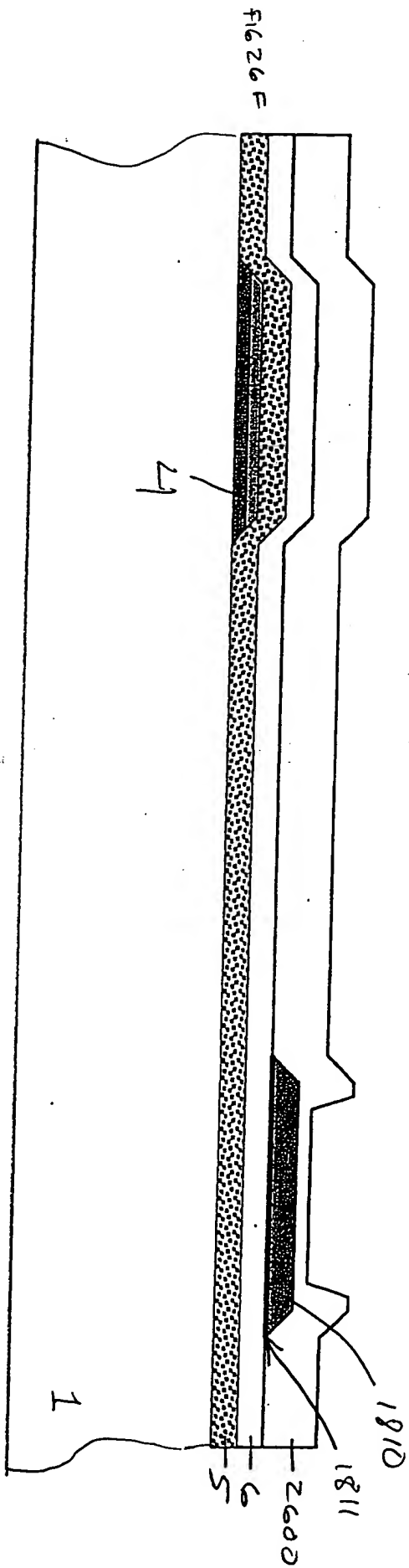
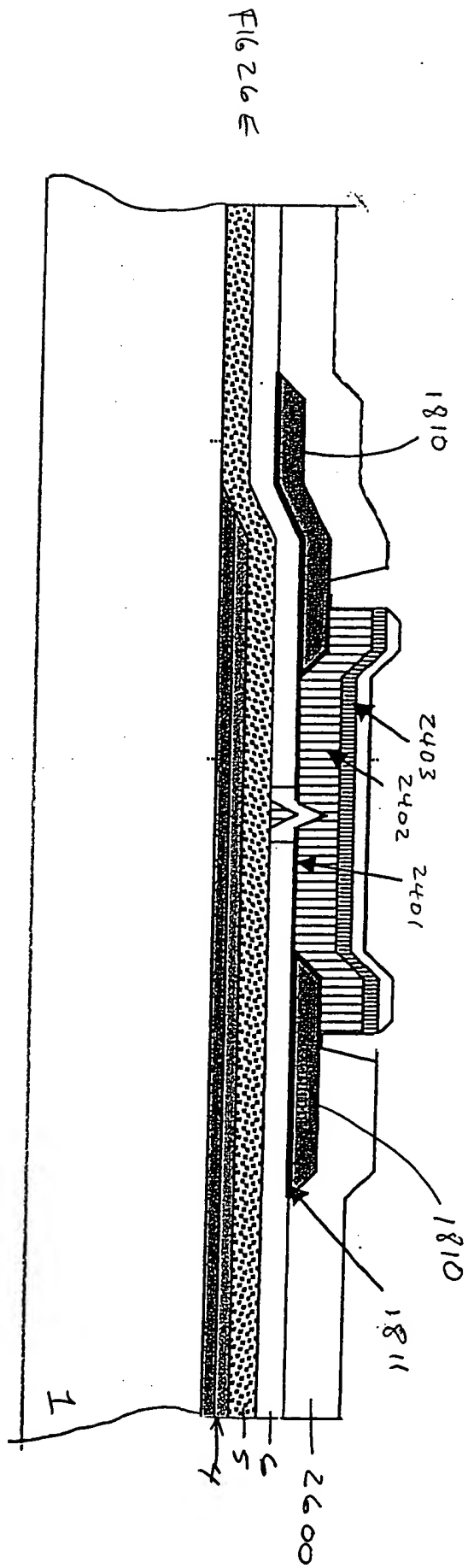
[illegible]

FIG. 26G

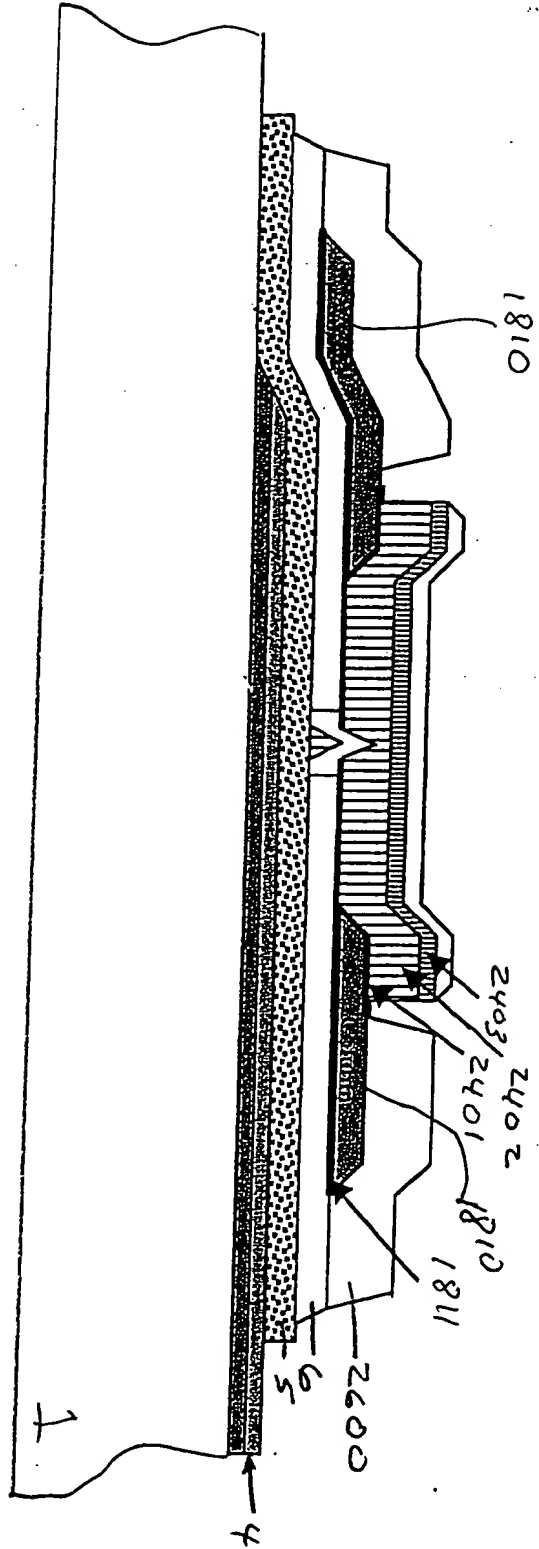
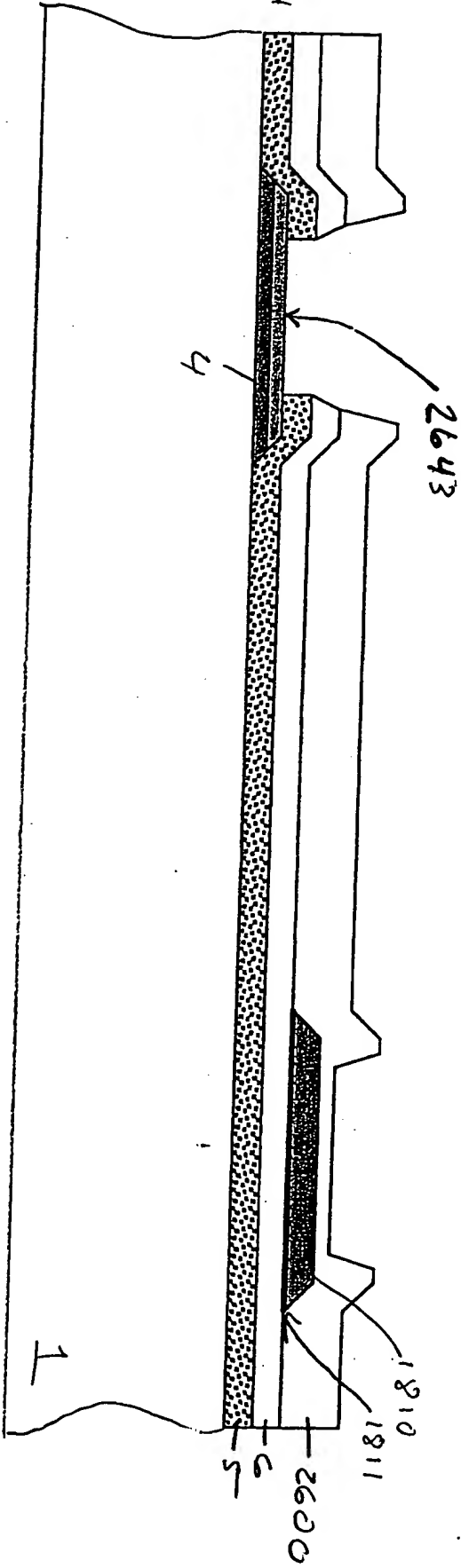
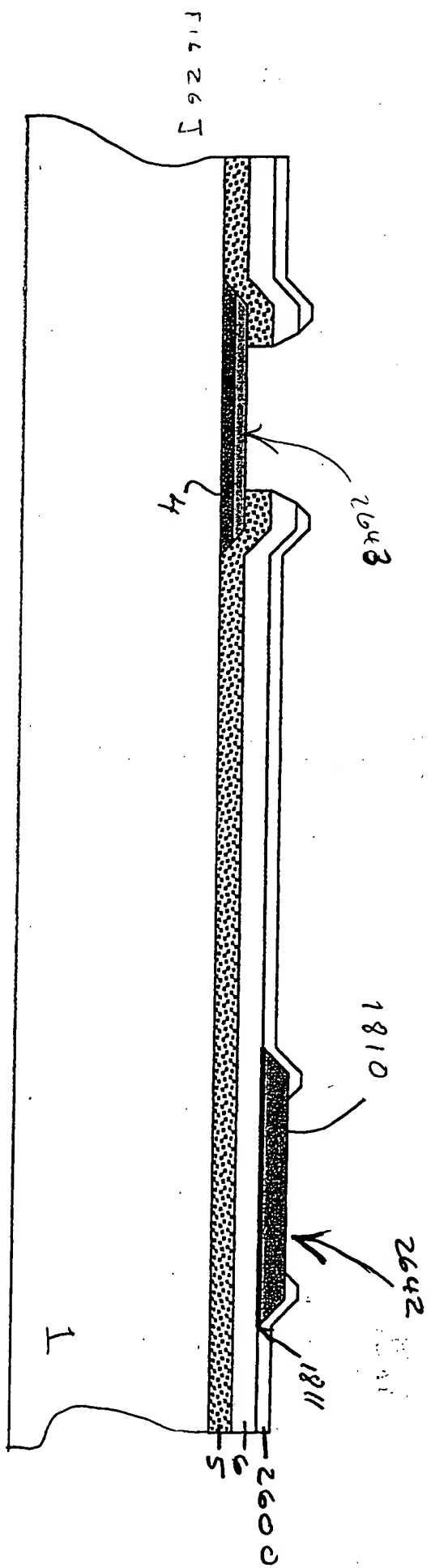
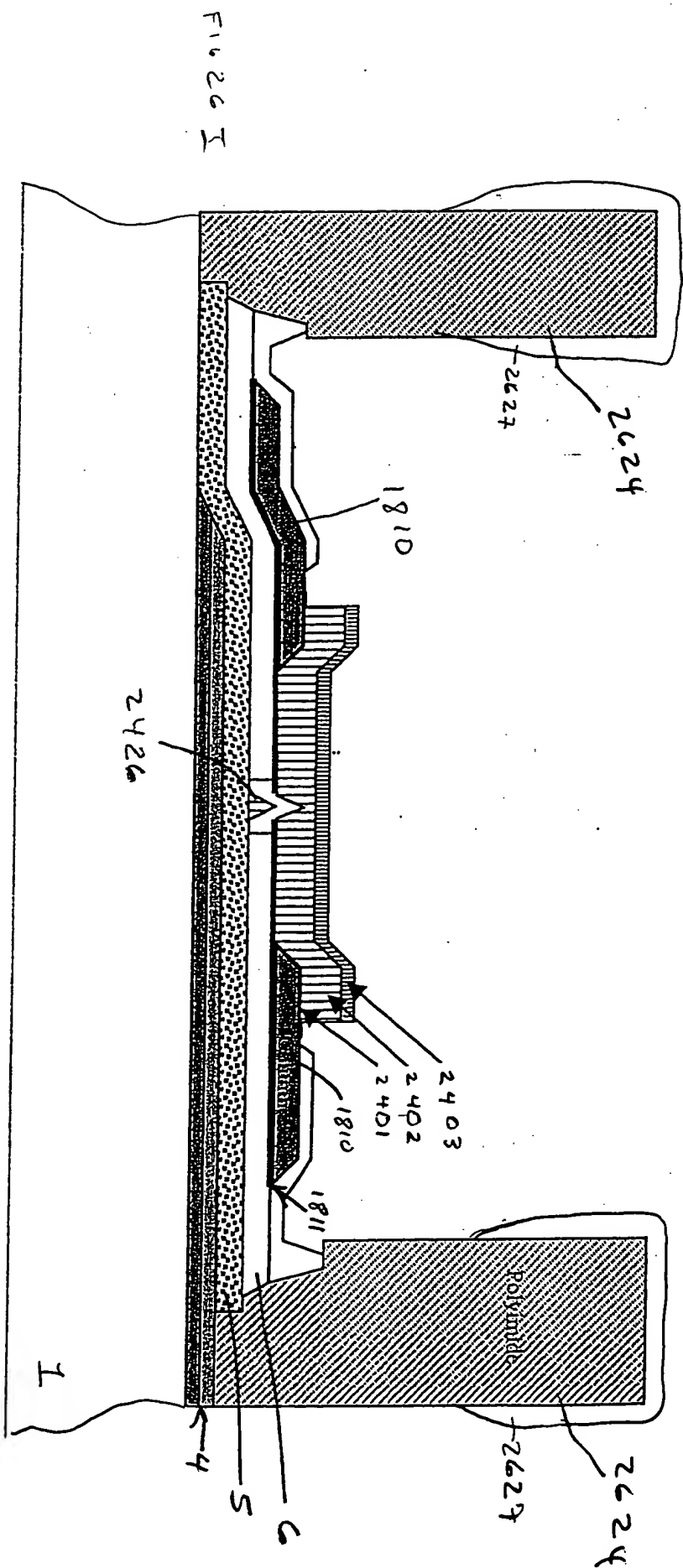


FIG. 26H









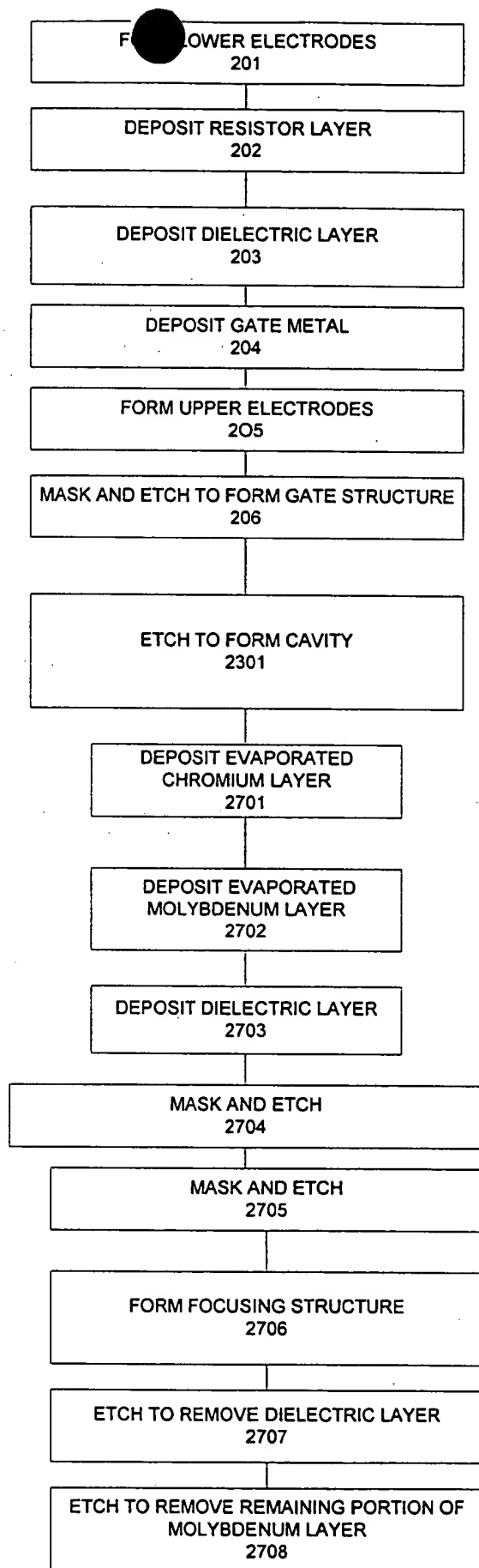
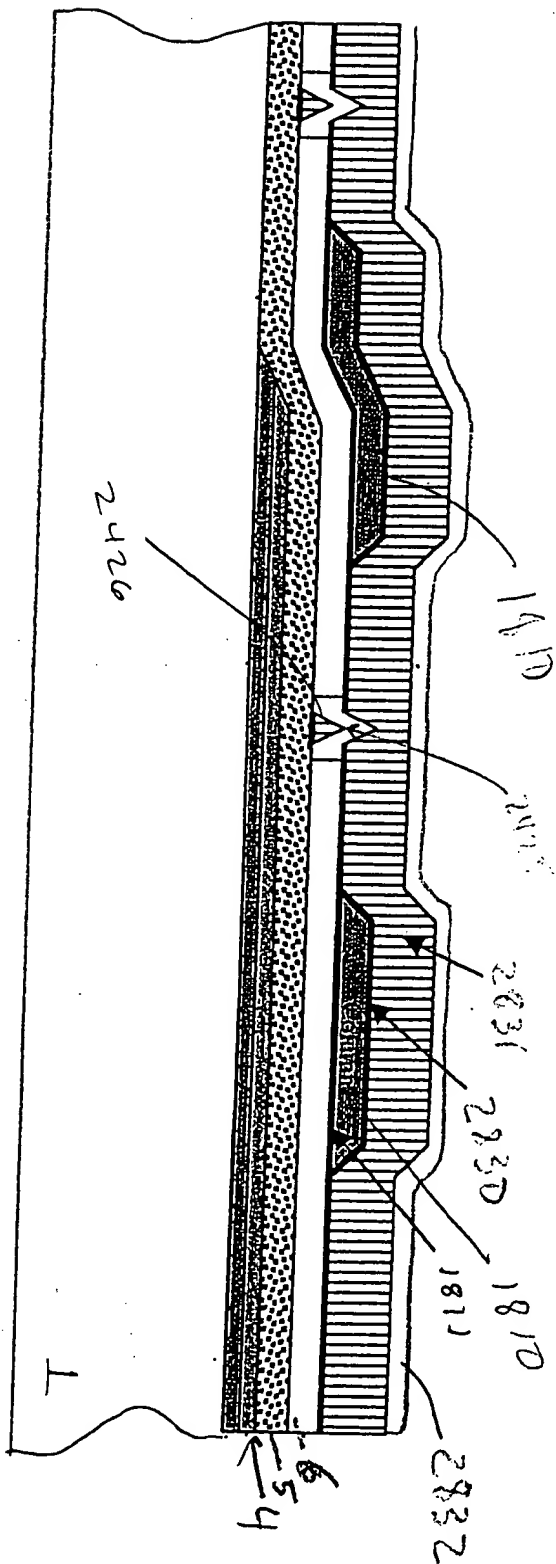


FIG. 27

FIG 28A



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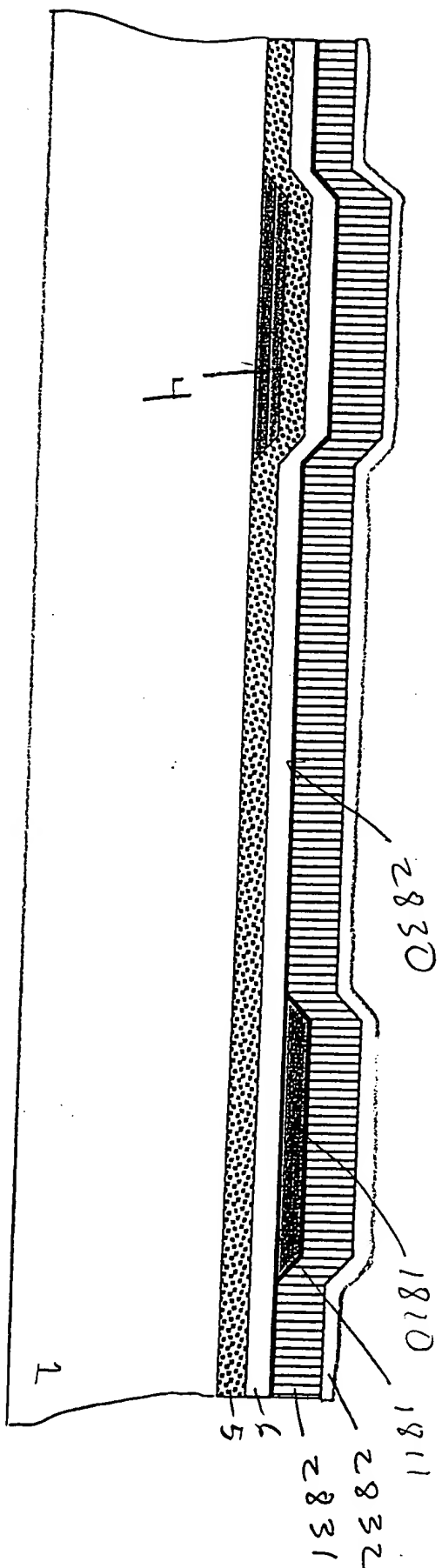


FIG 28 C

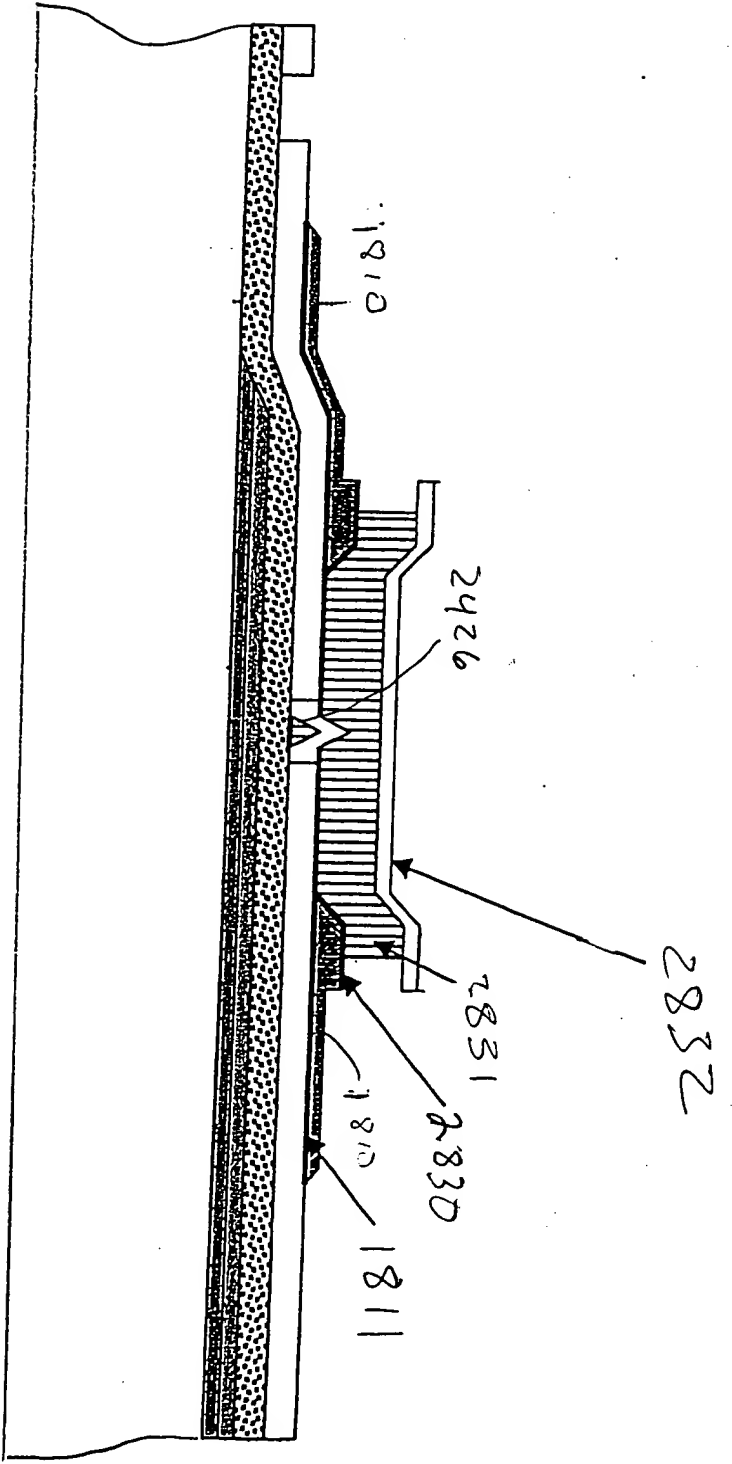
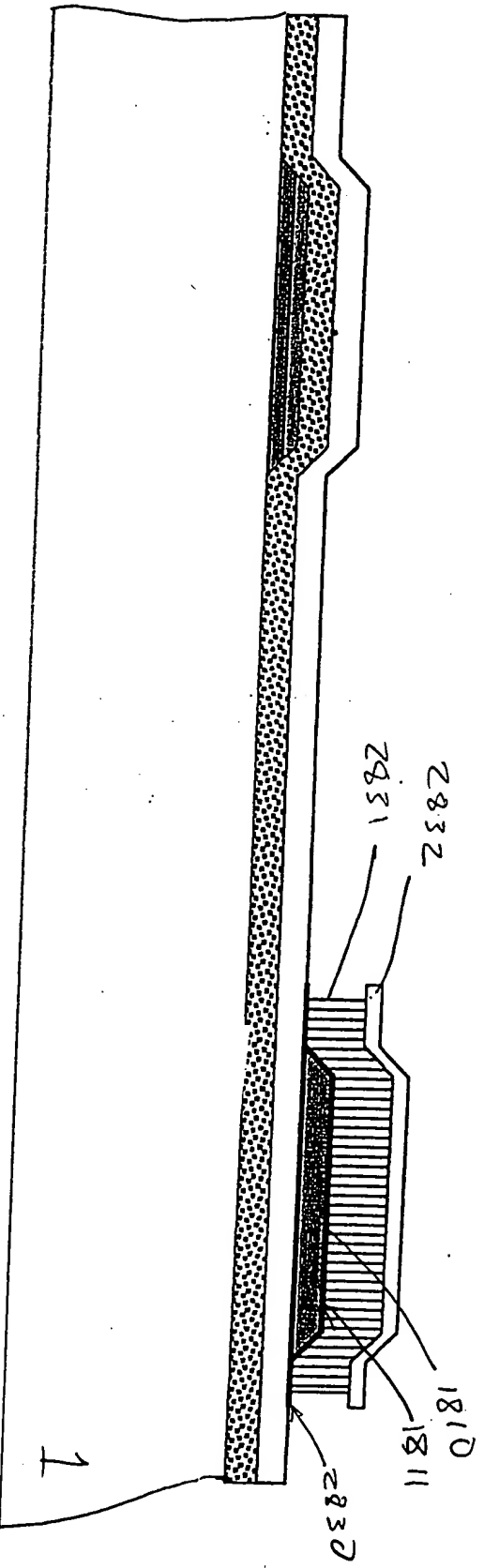
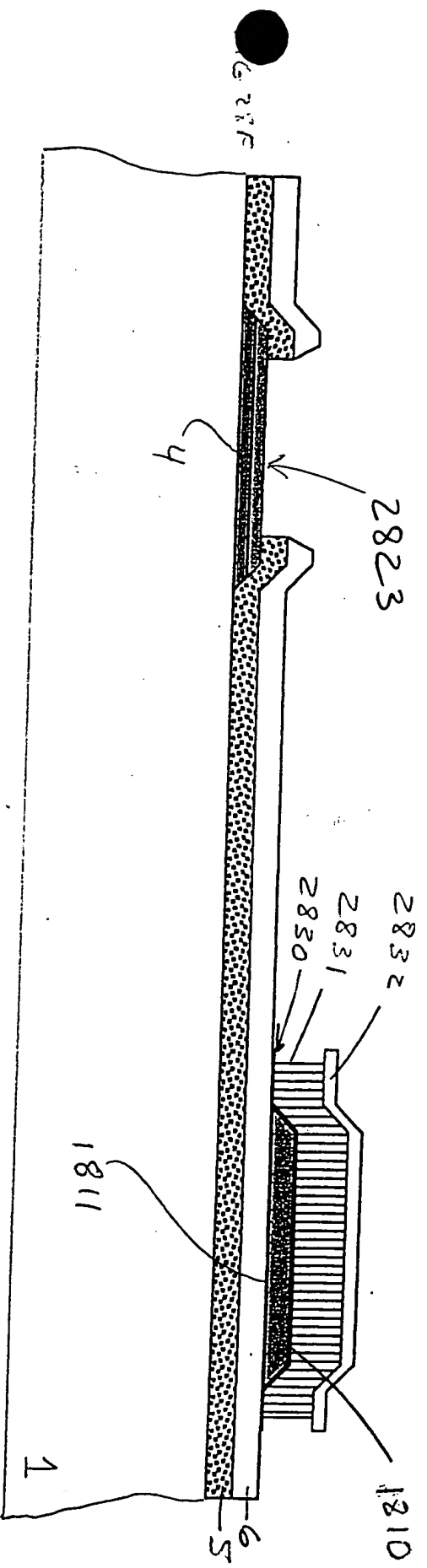
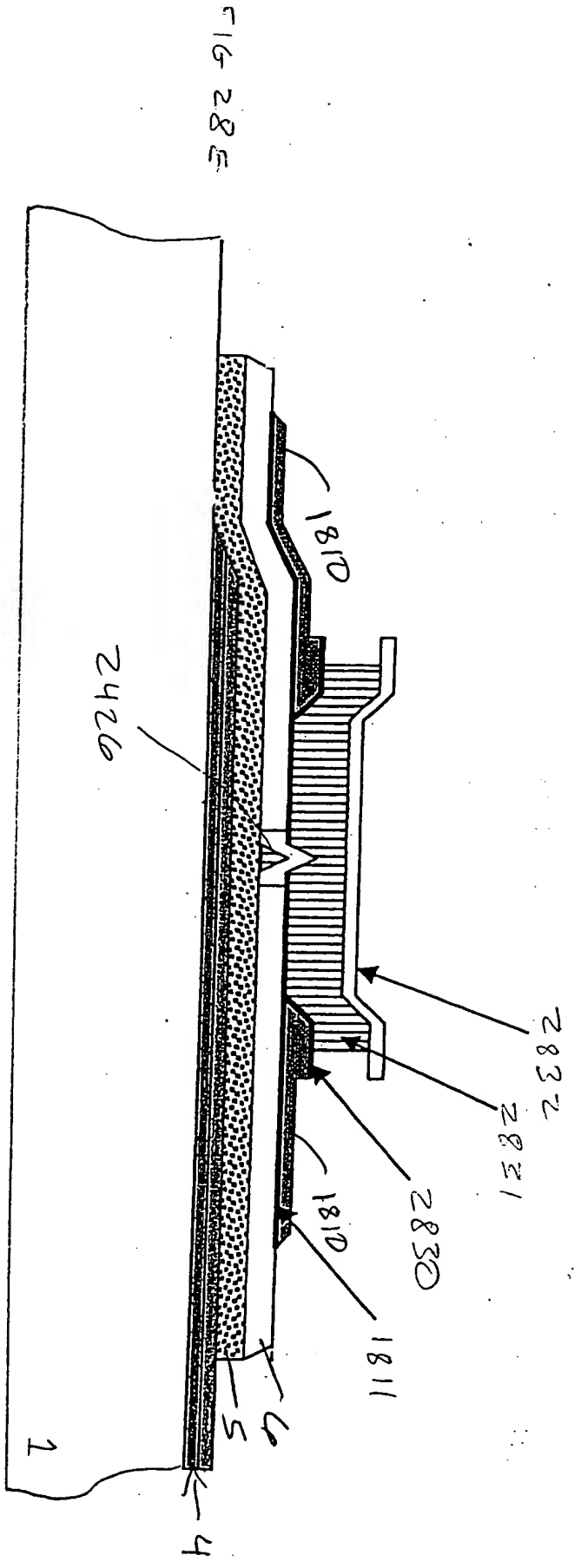
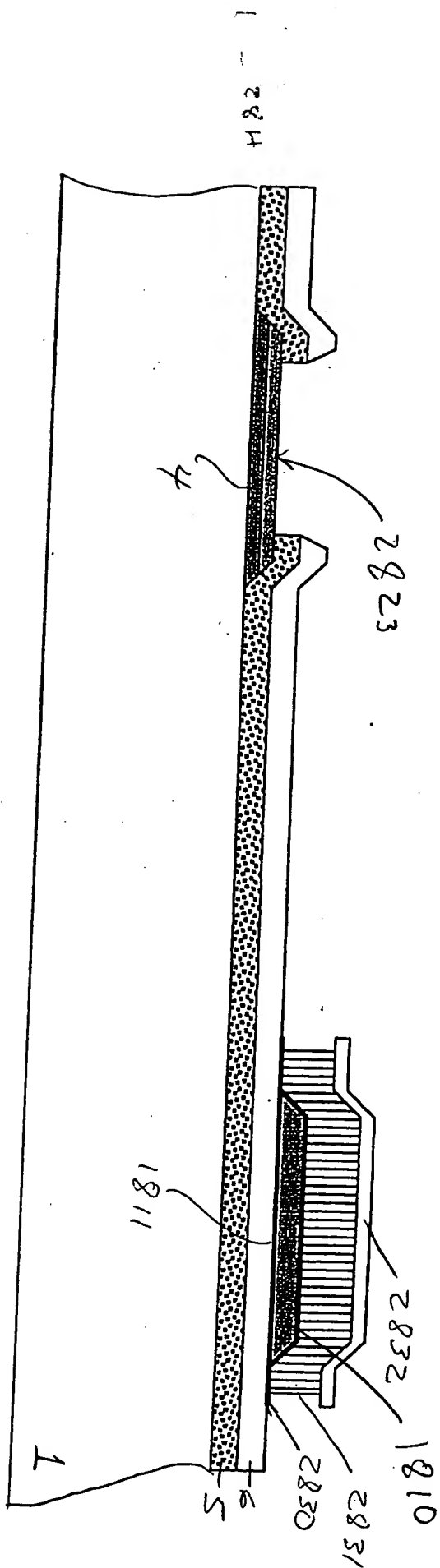
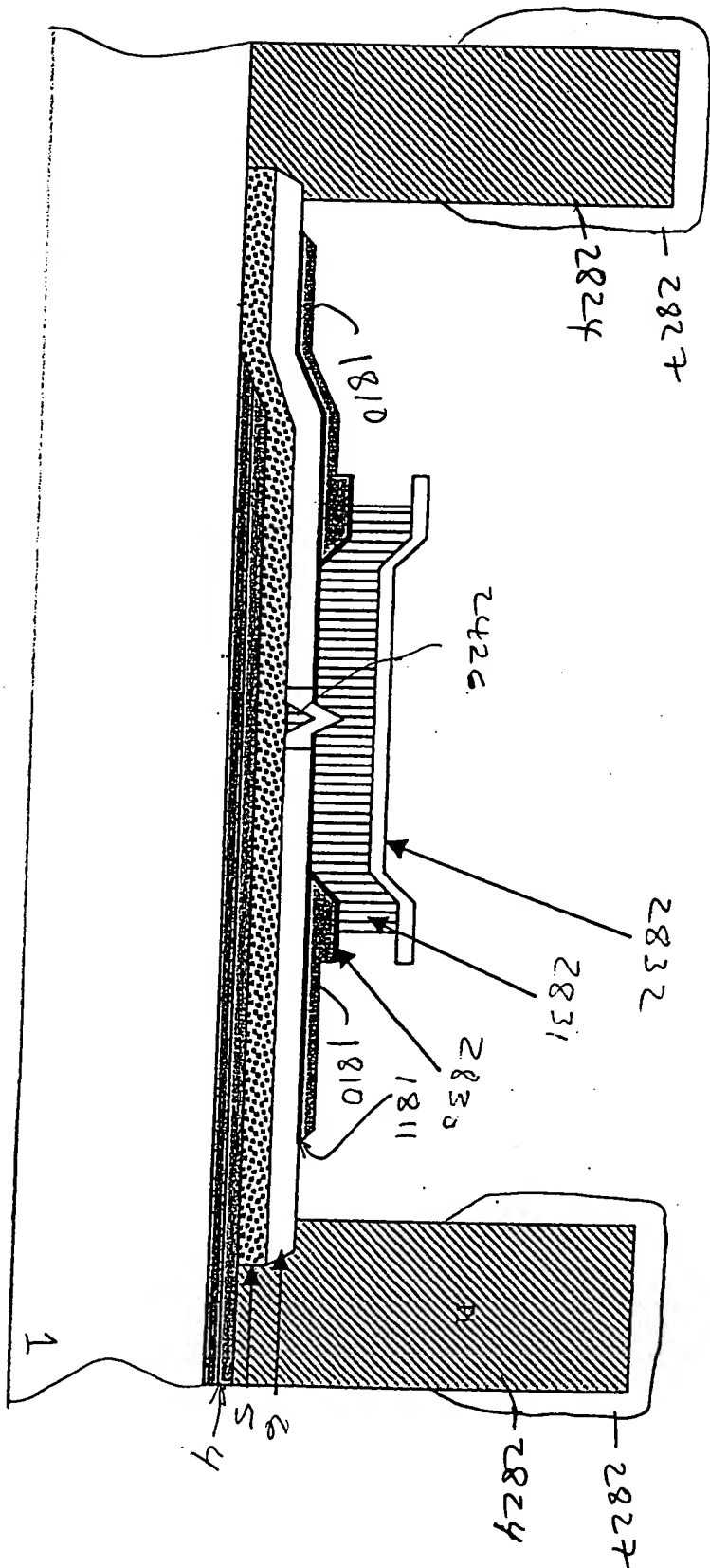


FIG 28 D







This cross-sectional view shows a central channel region (1811) flanked by side regions (1810). The channel region contains a series of vertical structures (2830) and a central layer (2831). The side regions (1810) are covered by a layer (2824) and a top layer (2827). The entire structure is supported by a substrate (1).



FIG 28 K

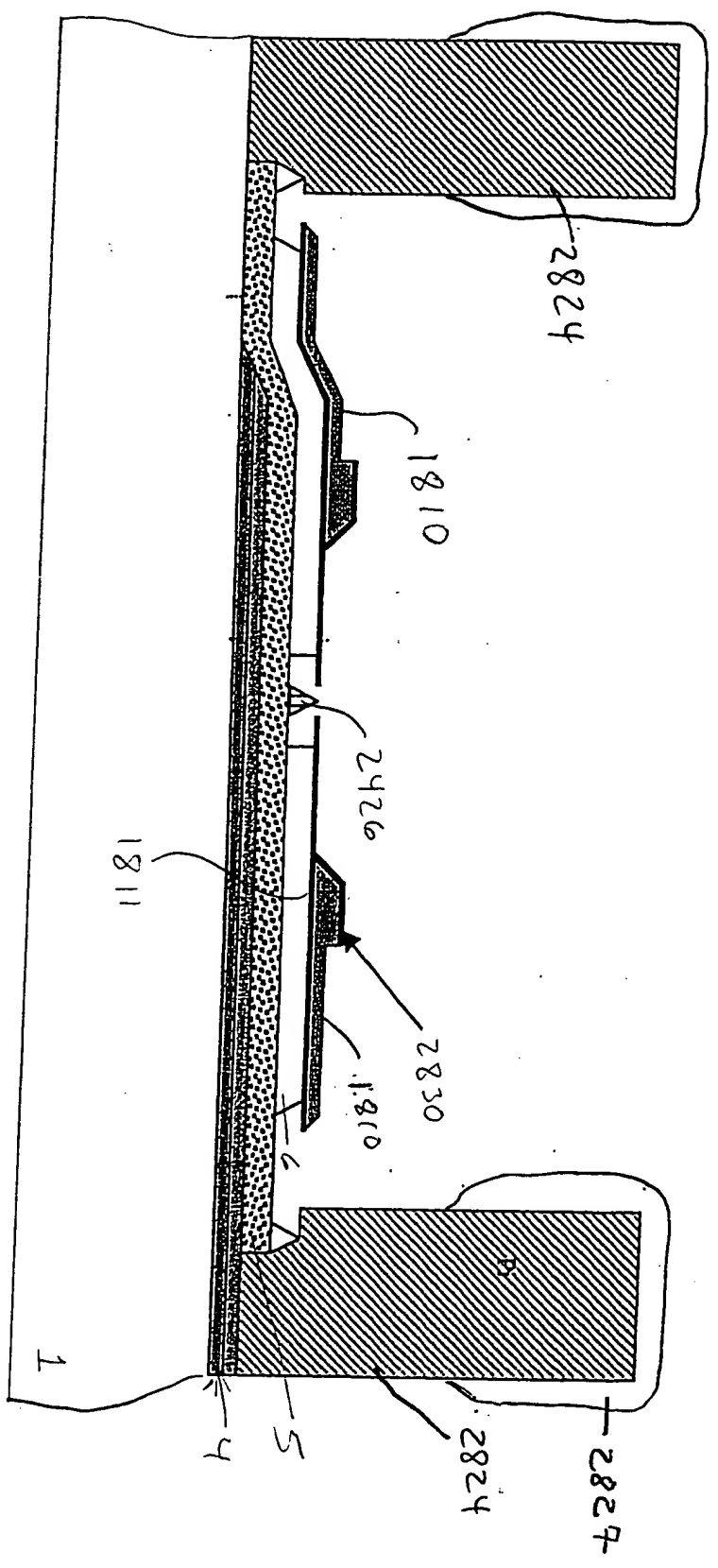
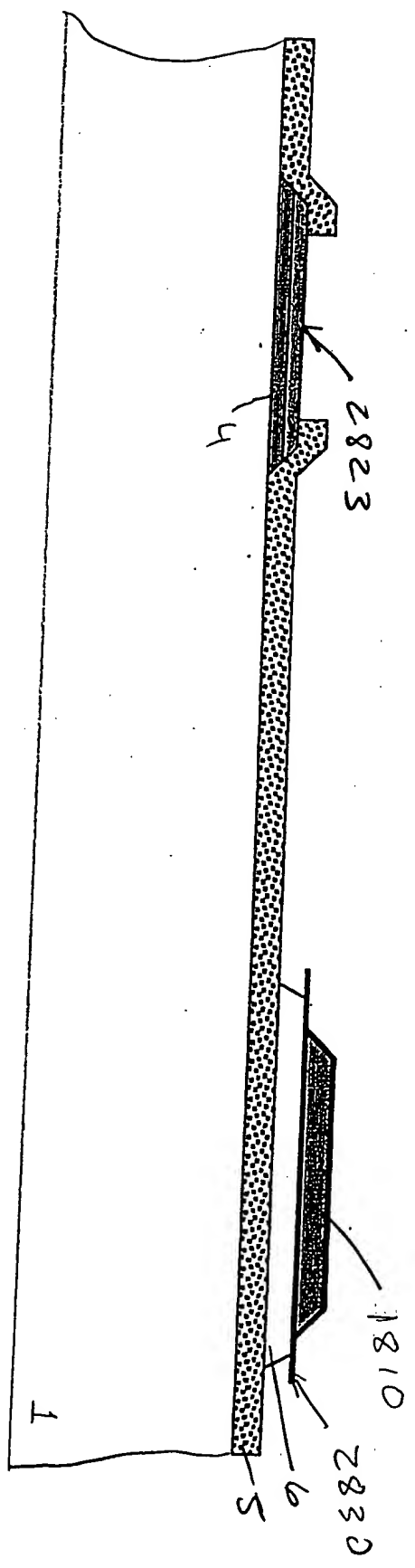


FIG 28 L



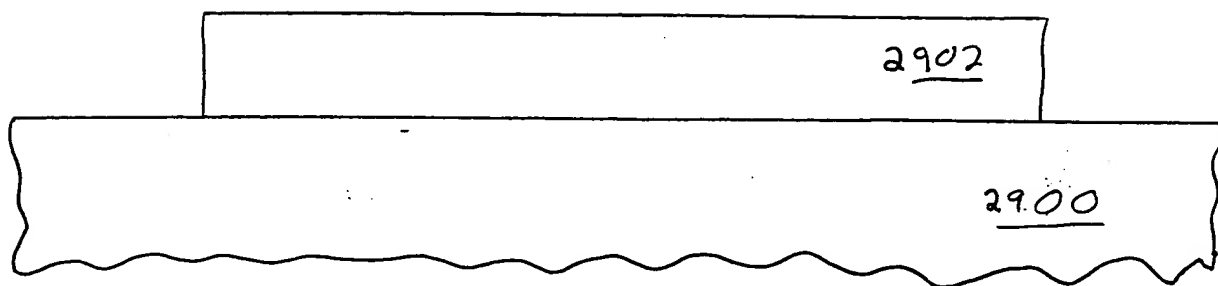


Fig. 29A

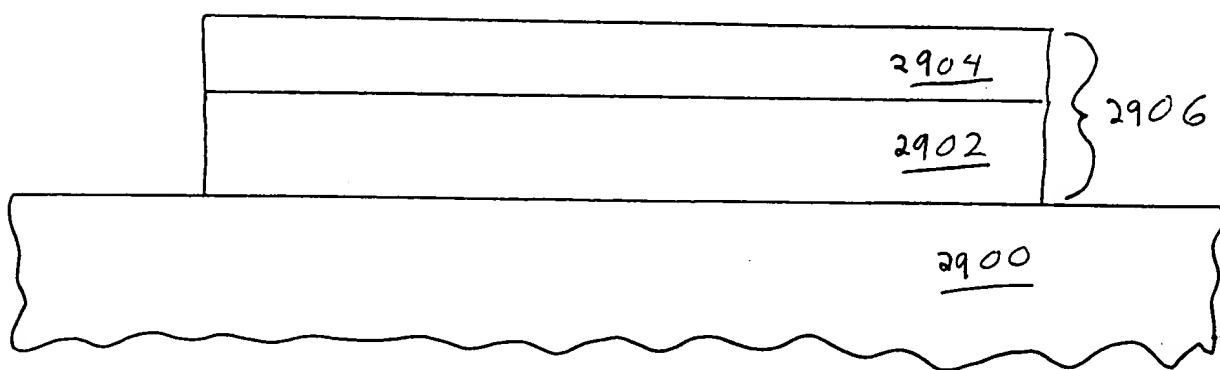


Fig. 29B

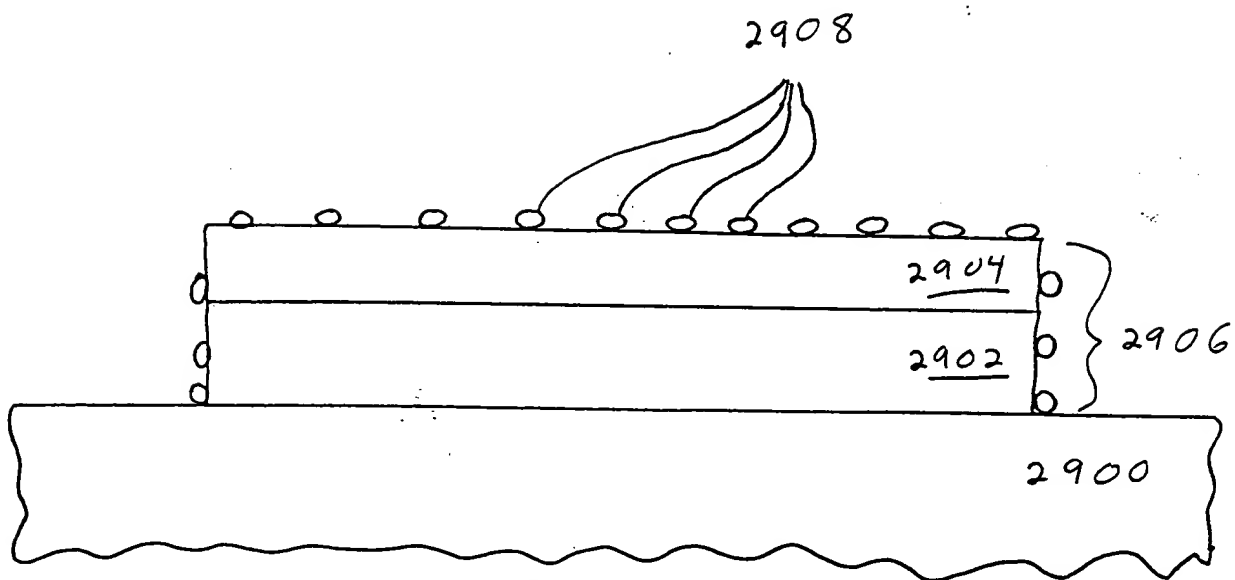


Fig. 29C

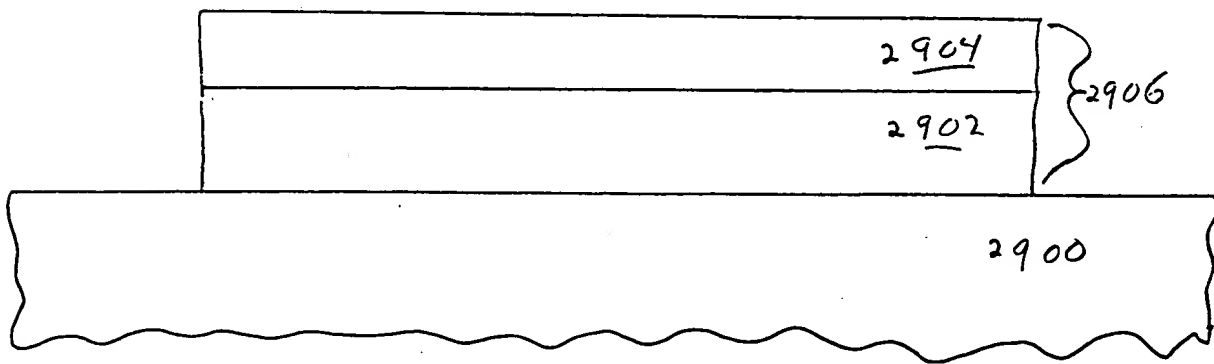


Fig. 29D

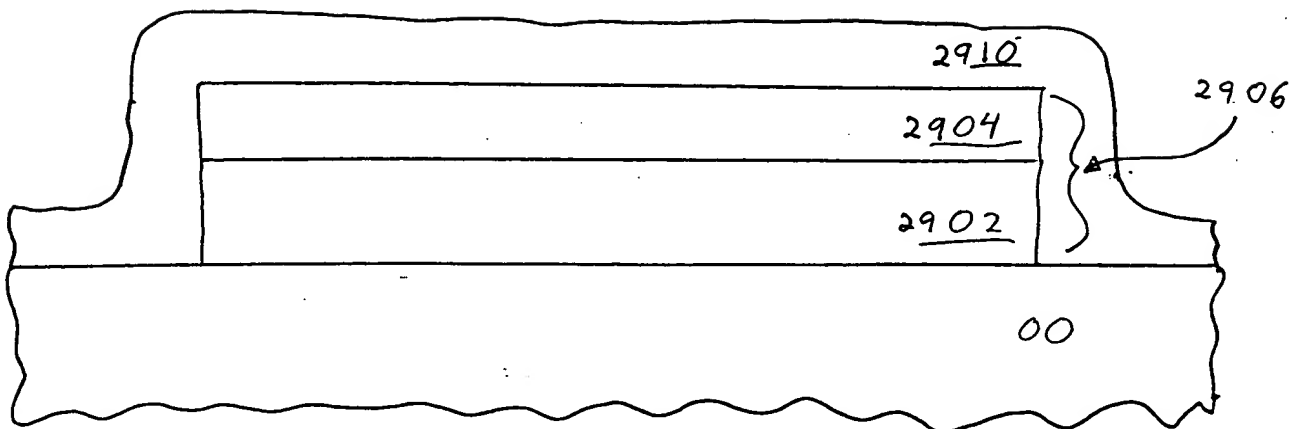


Fig. 29 E

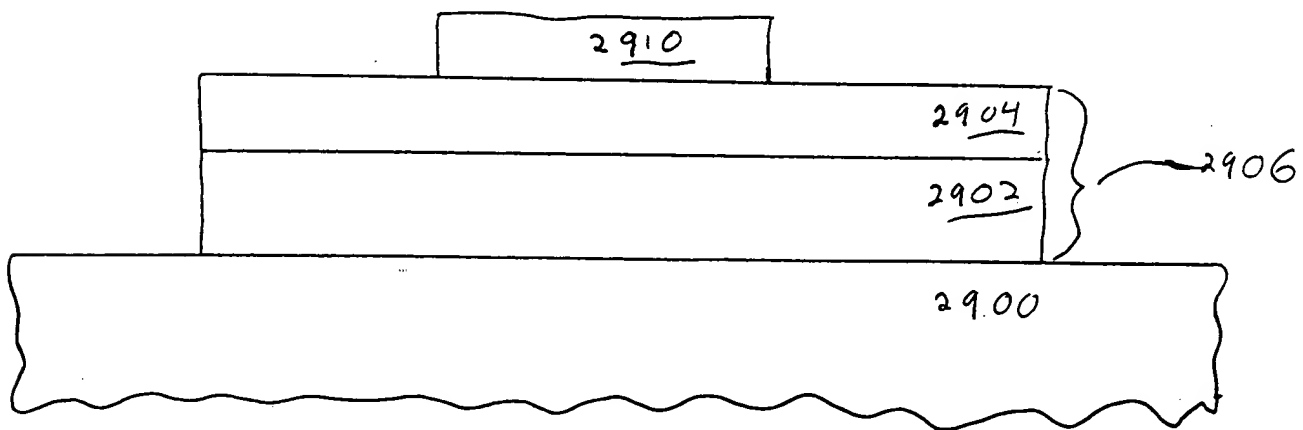


Fig. 29 F

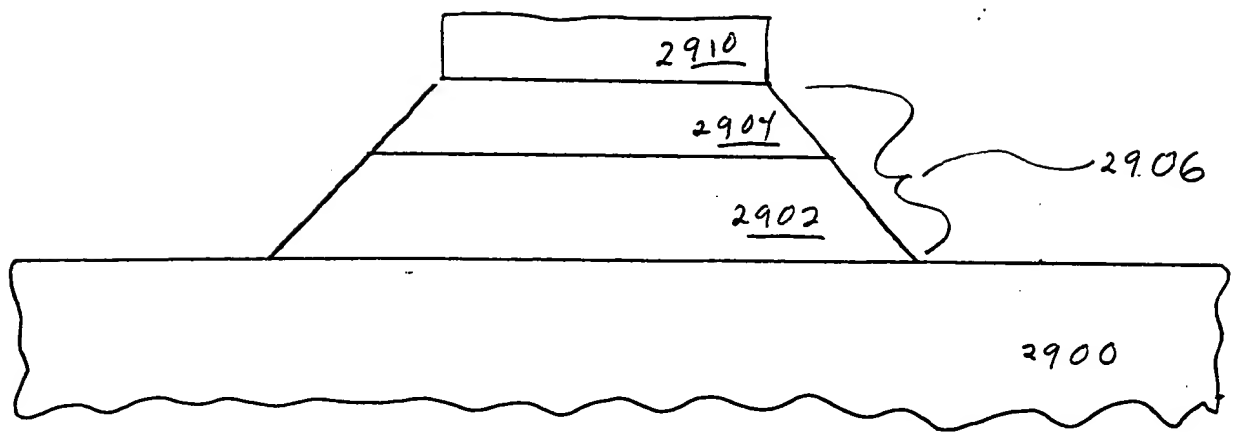


Fig. 29 G

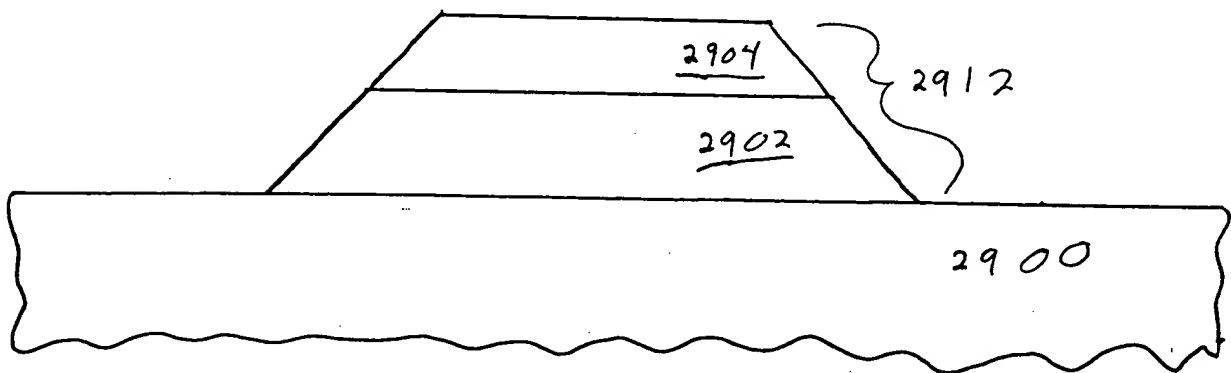


Fig. 29 H

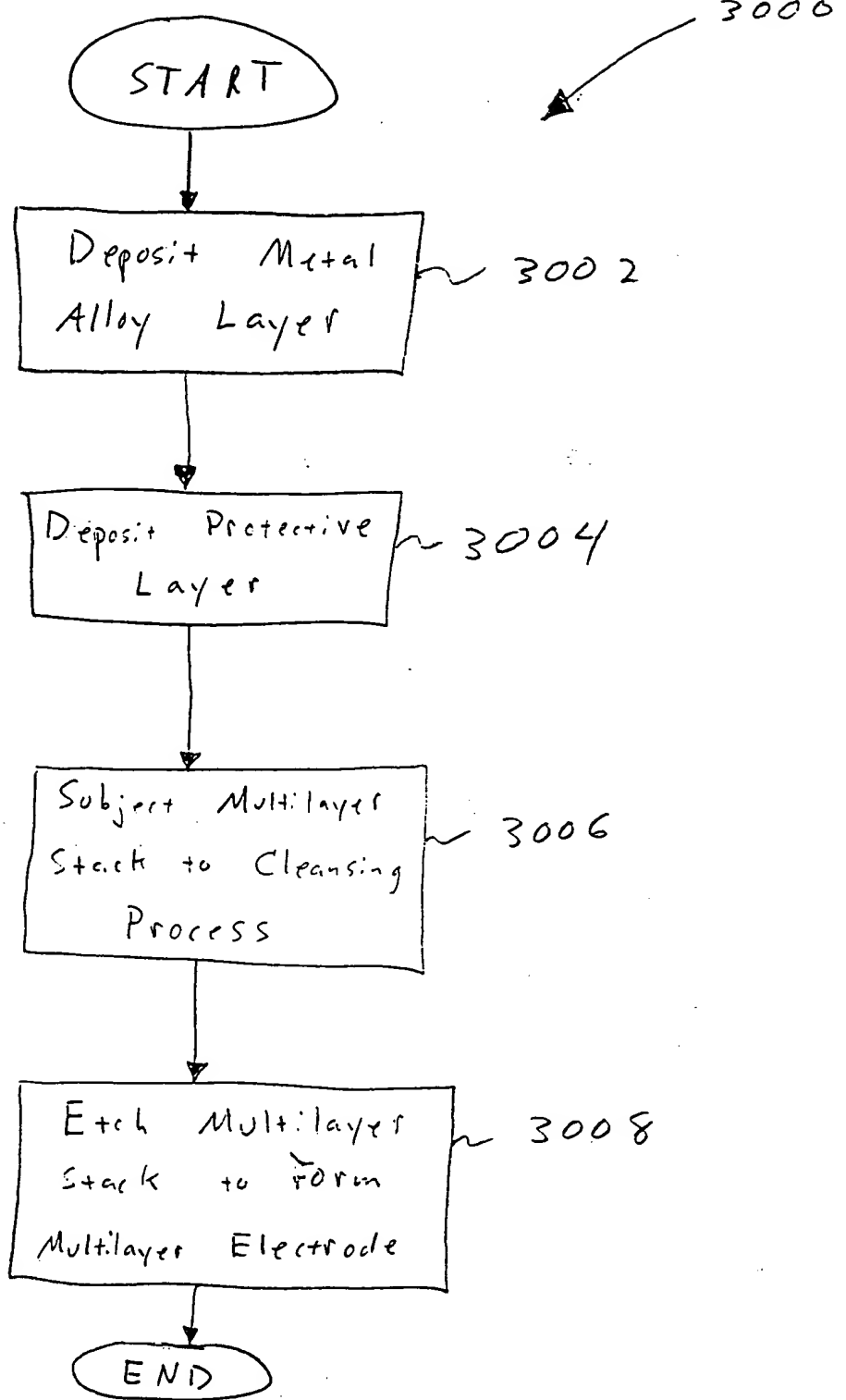


Fig. 30

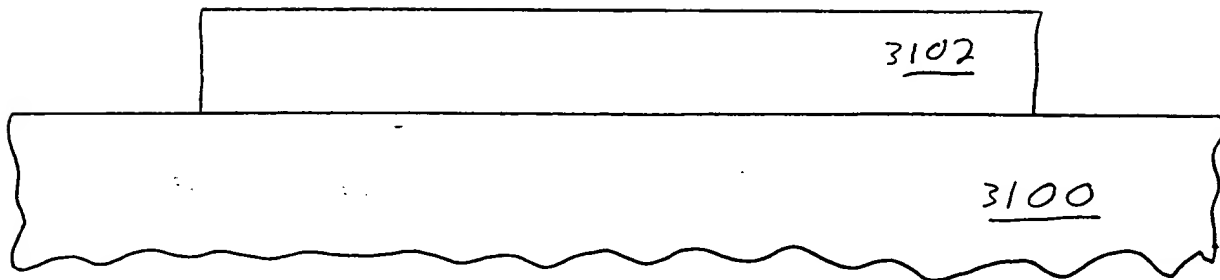


Fig. 31A

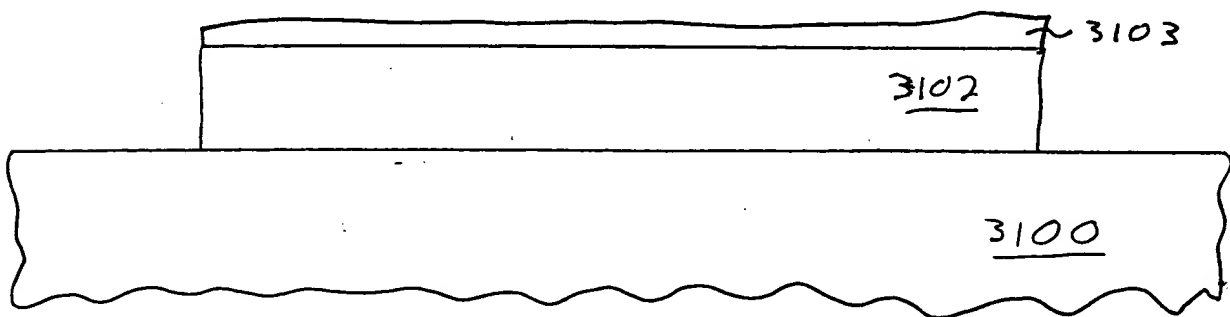


Fig. 31B

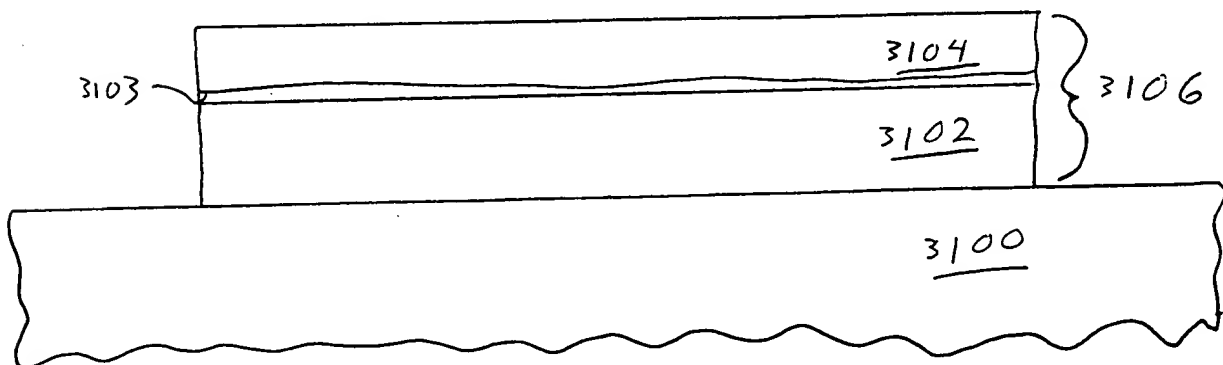


Fig. 31C

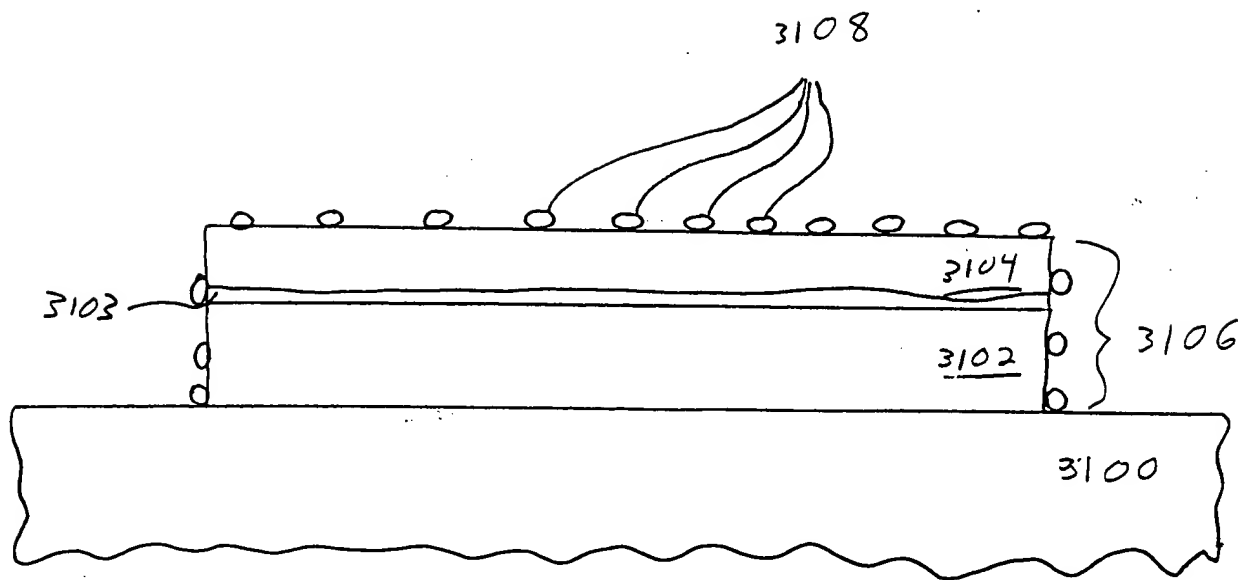


Fig. 31D

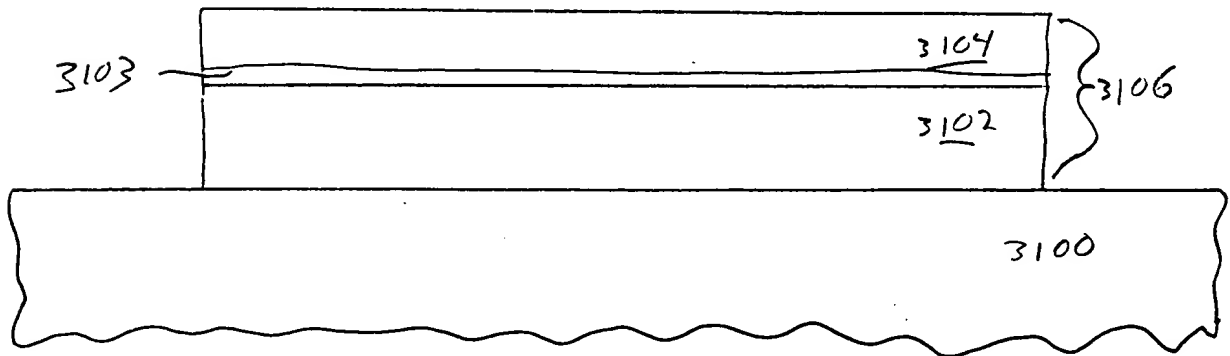


Fig. 31E



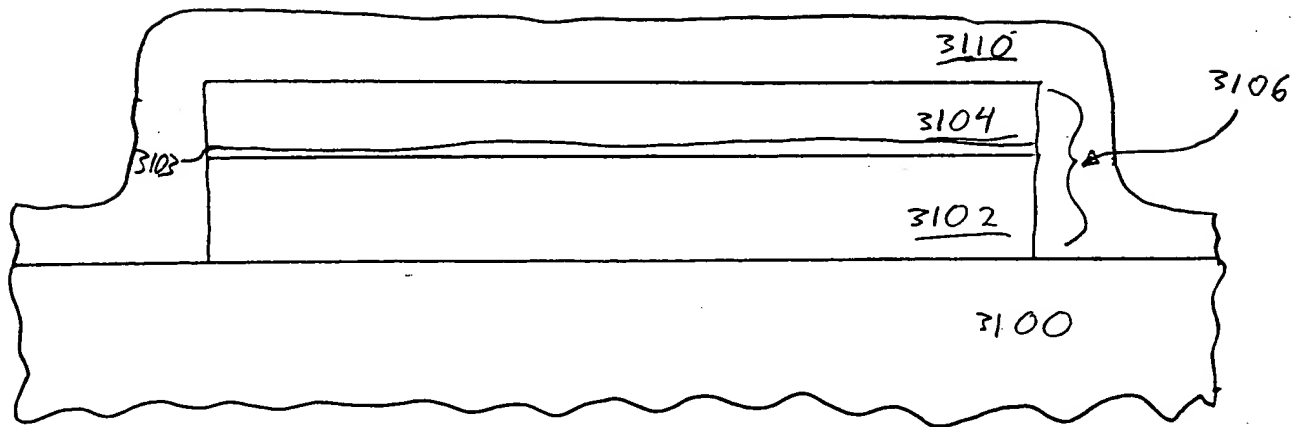


Fig. 31.F

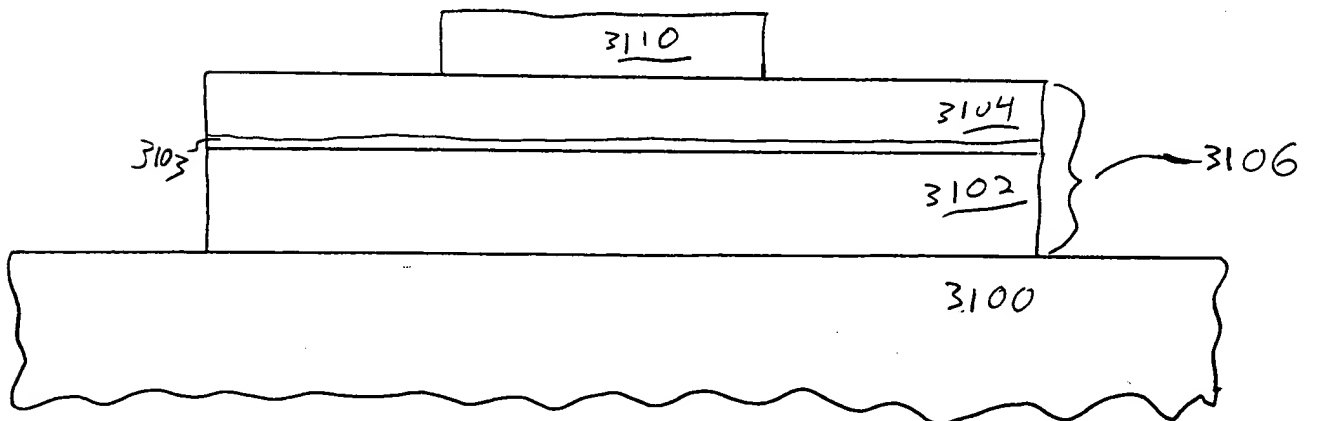


Fig. 31.G

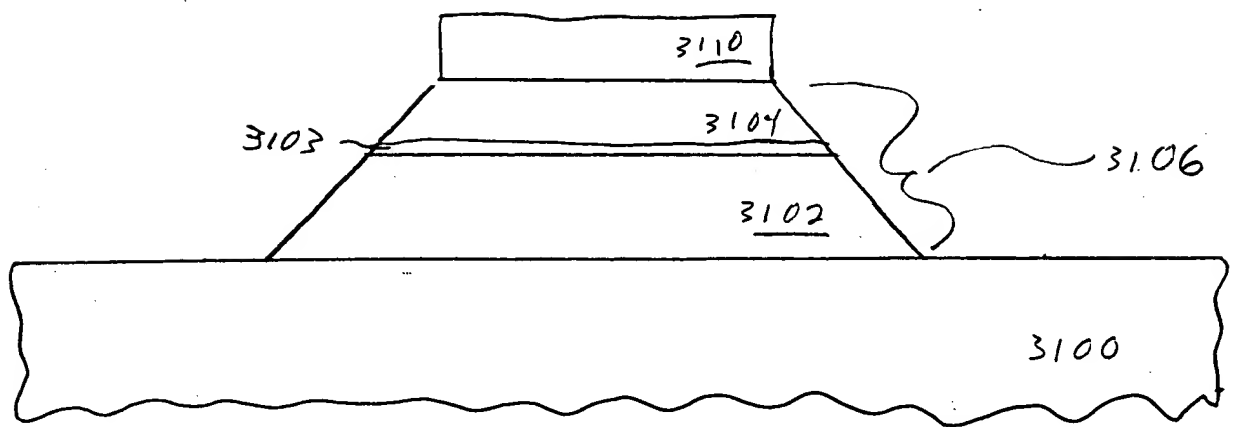


Fig. 31 H

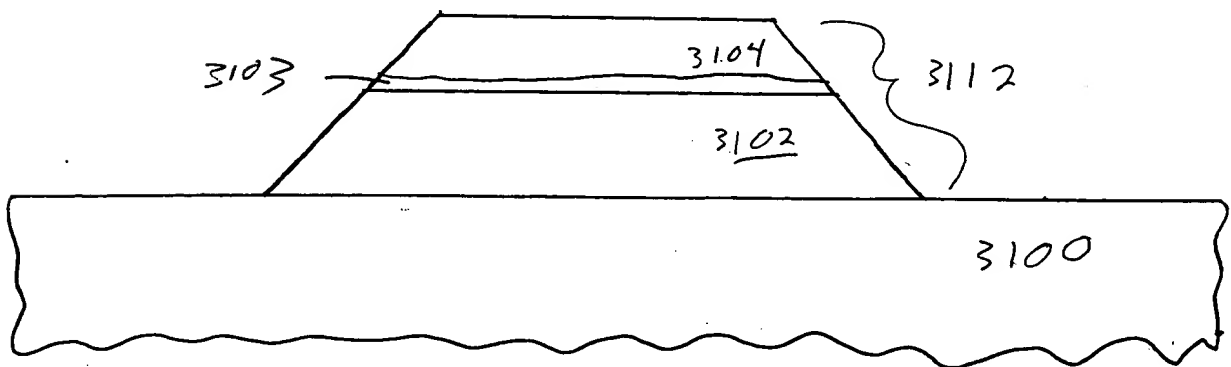


Fig. 31 I

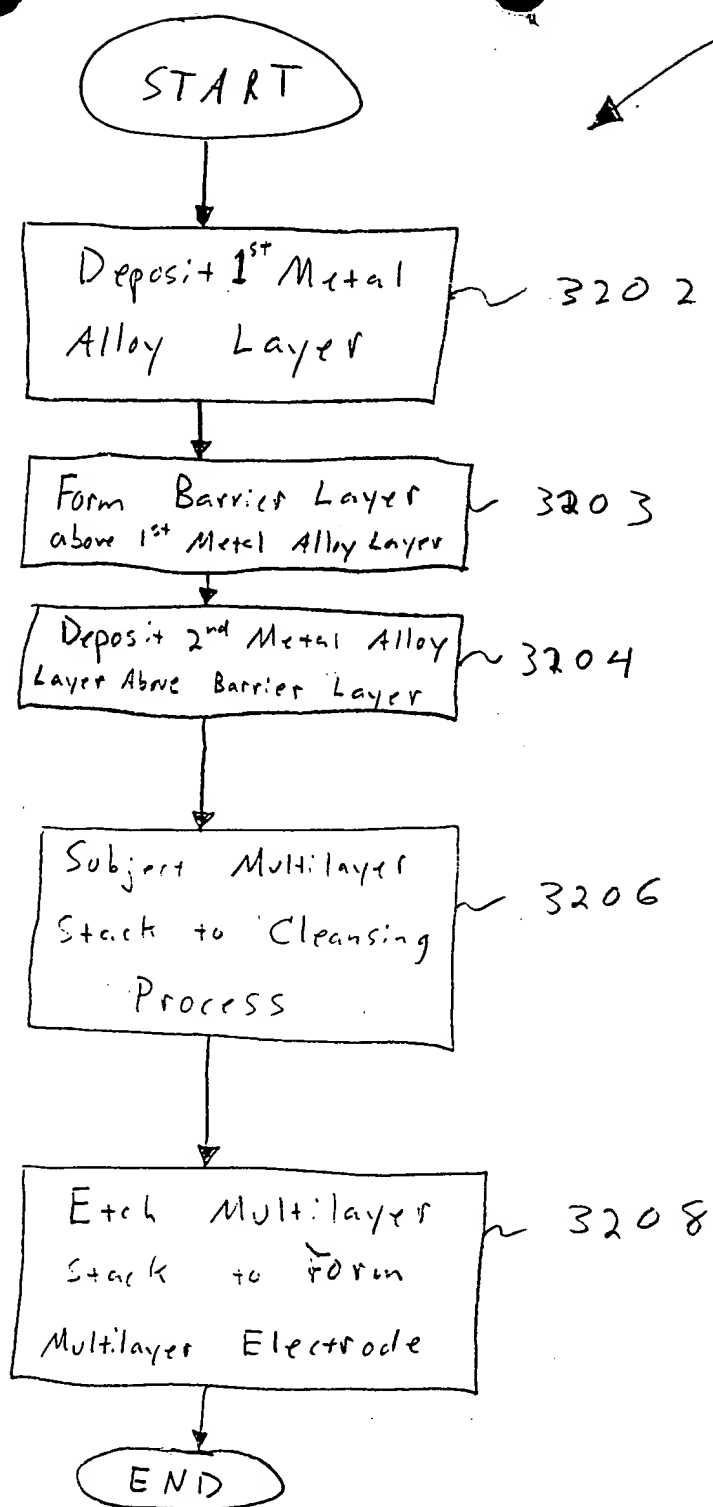


Fig. 32